OvisLink
The Total Networking Solution

THE PROFESSIONAL NETWORKING BOOK

ADVANCED MANAGEABLE ETHERNET SWITCHES

OvisLink
The Total Networking Solution

Lo que a continuación exponemos, no deja de ser una pequeña muestra del valor de nuestra empresa. Es el fruto de nuestra ilusión por mejorar en la satisfacción de nuestros clientes a largo plazo, manteniendo siempre la Calidad como punto de partida y la creatividad como compañero inseparable. Una creatividad que se mantiene "viva" gracias a la participación y trabajo en equipo de cada uno de los componentes que formamos OvisLink.

A todos ellos, y por supuesto a nuestros clientes que hacen posible que podamos seguir evolucionando y mejorando en nuestro trabajo, les hago llegar mi más sincero agradecimiento,

Antonio Borreguero Payero
Presidente de OvisLink Group

OvisLink

The Total Networking Solution

OvisLink es una empresa especializada y con una gran tradición, en el diseño y fabricación de productos de redes y comunicaciones con presencia internacional, que permite poder seguir innovando constantemente en función de las necesidades reales de cada Mercado. Desde su fundación en 1992 se han ido actualizando los procesos y equipos de fabricación; cualitativa y cuantitativamente, obteniendo una capacidad productiva adaptada a la nueva Demanda y con un nivel de calidad acorde con nuestra política de satisfacer las necesidades del consumidor más exigente.

Nuestra principal preocupación se centra en la Calidad de Servicio, donde más allá de la calidad, fiabilidad y durabilidad indiscutible del producto, ponemos a disposición de nuestros colaboradores y usuarios todo el soporte necesario para la selección, implementación y uso de nuestras soluciones.

Se trata de un objetivo de carácter general de la compañía, pero con especial atención a los productos que a continuación se presentan, por su utilización principalmente en instalaciones corporativas, el servicio postventa representa otro de los beneficios que OvisLink pone a disposición de sus colaboradores y usuarios, mediante una garantía de por vida sin excepciones y un servicio técnico ágil, capaz de dar soluciones en un tiempo récord.

En definitiva, en OvisLink seguimos trabajando de una manera constante, para que nuestros productos se adapten perfectamente a las necesidades de las empresas y para que los responsables de estos proyectos, dispongan de las herramientas necesarias para un mantenimiento económico y efectivo.

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ADVANCED MANAGEABLE L2 FAST ETHERNET SWITCH

OV-2008

8-port 10/100M Fast Ethernet
Network manageable
1 Console port

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2000 Series is a modularized hi-performance entry-level workgroup switch family, with 8/16/24 Fast Ethernet ports. OvisLink OV-2000 Series can connect all (Fast) Ethernet devices so that your investment is protected. It provides hi-speed connection among workgroups, offers powerful network management, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources easier to manage and more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2000 Series provides desktop Fast Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks.

The OvisLink OV-2000 also provides:

- Network control and bandwidth optimization using QoS, granular rate limiting.
- Network security through 802.1x
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- IGMP Snooping for better use of network resources in Multicast scenarios.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 8 groups with up to 4 ports per group
- Clustering. Manageability through a single **P** address.
  Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size (1 M step size at rate over 1.8 M)
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST ETHERNET SWITCH

OV-2008

Console port 8-port 10/100M Fast Ethernet
Network manageable
1 Console port

Hardware:

Performance

- Ports:
  - 8 x 10/100M RJ-45 MDI/MDI-X Self adapting Ports
  - 1 Console Port
- Switch fabric: 3,2 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 4 K
- Queuing buffer: 4 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 16 MB (up to 32 MB)

Physical

- Dimensions: (L – W - H) 340 - 200 - 44 mm
- Weight: 2,3 Kg
- Power consumption: 18 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: < 15 dB (no fan)
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2008	Network manageable Ethernet switch with 8 10/100M Fast Ethernet ports and 1 Console port.
OV-2017S	Network manageable Ethernet switch with 16 10/100M Fast Ethernet ports, 1 expansion slots, and 1 Console port. Standard AC power support.
OV-2026S	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. Standard AC power support.
OV-100TX	1 port 10/100Base-TX
OV-100SC	1 port 100Base-FX module, MM, SC, 2km, 1310nm
OV-115SC	1 port 100Base-FX module, SM, SC,15km, 1310nm
OV-100F	1-port 100M SFP Module base board
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST ETHERNET SWITCH

OV-2017S

16-port 10/100M Fast Ethernet
1 x 100M Ethernet Expansion Slot
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2000 Series is a modularized hi-performance entry-level workgroup switch family, with 8/16/24 Fast Ethernet ports. OvisLink OV-2000 Series can connect all (Fast) Ethernet devices so that your investment is protected. It provides hi-speed connection among workgroups, offers powerful network management, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources easier to manage and more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2000 Series provides desktop Fast Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks.

The OvisLink OV-2000 also provides:

- Network control and bandwidth optimization using QoS, granular rate limiting.
- Network security through 802.1x
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- IGMP Snooping for better use of network resources in Multicast scenarios.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 8 groups with up to 4 ports per group
- Clustering. Manageability through a single **P** address.
  Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size (1 M step size at rate over 1.8 M)
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST ETHERNET SWITCH

OV-2017S

16-port 10/100M Fast Ethernet
1 x 100M Ethernet Expansion Slot
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 16 x 10/100M RJ-45 MDI/MDI-X Self adapting Ports
  - 1 x 100M Ethernet Expansion Slot
  - 1 Console Port
- Switch fabric: 6,4 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 4 K
- Queuing buffer: 4 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 16 MB (up to 32 MB)

Physical

- Dimensions: (L – W - H) 340 - 200 - 44 mm
- Weight: 2,65 Kg
- Power consumption: 18 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: < 15 dB (no fan)
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2008	Network manageable Ethernet switch with 8 10/100M Fast Ethernet ports and 1 Console port.
OV-2017S	Network manageable Ethernet switch with 16 10/100M Fast Ethernet ports, 1 expansion slots, and 1 Console port. Standard AC power support.
OV-2026S	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. Standard AC power support.
OV-100TX	1 port 10/100Base-TX
OV-100SC	1 port 100Base-FX module, MM, SC, 2km, 1310nm
OV-115SC	1 port 100Base-FX module, SM, SC,15km, 1310nm
OV-100F	1-port 100M SFP Module base board
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST ETHERNET SWITCH

OV-2026S

24-port 10/100M Fast Ethernet
2 x 100M Ethernet Expansion Slot
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2000 Series is a modularized hi-performance entry-level workgroup switch family, with 8/16/24 Fast Ethernet ports. OvisLink OV-2000 Series can connect all (Fast) Ethernet devices so that your investment is protected. It provides hi-speed connection among workgroups, offers powerful network management, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources easier to manage and more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2000 Series provides desktop Fast Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks.

The OvisLink OV-2000 also provides:

- Network control and bandwidth optimization using QoS, granular rate limiting.
- Network security through 802.1x
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- IGMP Snooping for better use of network resources in Multicast scenarios.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 8 groups with up to 4 ports per group
- Clustering. Manageability through a single **P** address.
  Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size (1 M step size at rate over 1.8 M)
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST ETHERNET SWITCH

OV-2026S

24-port 10/100M Fast Ethernet
2 x 100M Ethernet Expansion Slot
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 24 x 10/100M RJ-45 MDI/MDI-X Self adapting Ports
  - 2 x 100M Ethernet Expansion Slot
  - 1 Console Port
- Switch fabric: 9,6 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 4 K
- Queuing buffer: 4 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 16 MB (up to 32 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 4,75 Kg
- Power consumption: 27 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: < 15 dB (no fan)
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2008	Network manageable Ethernet switch with 8 10/100M Fast Ethernet ports and 1 Console port.
OV-2017S	Network manageable Ethernet switch with 16 10/100M Fast Ethernet ports, 1 expansion slots, and 1 Console port. Standard AC power support.
OV-2026S	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. Standard AC power support.
OV-100TX	1 port 10/100Base-TX
OV-100SC	1 port 100Base-FX module, MM, SC, 2km, 1310nm
OV-115SC	1 port 100Base-FX module, SM, SC,15km, 1310nm
OV-100F	1-port 100M SFP Module base board
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2209

8-port 10/100M Fast Ethernet
1 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2200 Series is a modularized hi-performance workgroup-level or enterprise-scale switch, with 8 Fast Ethernet ports and 2 expansion slots for Gigabit connections (for OV-2226S). OvisLink OV-2200 Series can connect all (Fast) Ethernet devices so that your investment is protected. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2200 Series provides desktop Fast Ethernet and Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks.

The OvisLink OV-2200 Series also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion slot).
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- QinQ VLAN Stacking (Only on Gigabit Ethernet ports)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree

- Scalability
- LACP and static Port trunking. Up to 3 groups with up to 8 ports per group
- Clustering. Manageability through a single **P** address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- Port-MAC binding

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2209

8-port 10/100M Fast Ethernet
1 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 8 x 10/100M RJ-45 MDI/MDI-X Self adapting Ports
  - 1 x 100/1000M Ethernet Expansion Slot
  - 1 Console Port
- Switch fabric: 8 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 4 K
- Queuing buffer:32 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 16 MB (up to 32 MB)

Physical

- Dimensions: (L – W - H) 230 - 147 - 44 mm
- Weight: 1,95 Kg
- Power consumption: 18 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: < 15 dB (no fan)
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2209	Network manageable Ethernet switch with 8 10/100M Fast Ethernet ports, 1 10/100/1000M TX/ Gigabit SFP port, and 1 Console port.
OV-2226S	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. Standard AC power support.
OV-2226S-DC	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. DC power support.
OV-100TX	1 port 10/100Base-TX
OV-100SC	1 port 100Base-FX module, MM, SC, 2km, 1310nm
OV-115SC	1 port 100Base-FX module, SM, SC, 15km, 1310nm
OV-100F	1-port 100M SFP Module base board
OV-1000TX/LC	1-port 10/100/1000MBase-TX/SFP Combo Module
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm
OV-STACK	1 port Stack module

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ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2209POE

8-port 10/100M Fast Ethernet POE
1 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2200 Series is a modularized hi-performance workgroup-level or enterprise-scale switch, with 8 Fast Ethernet POE ports and 2 expansion slots for Gigabit connections (for OV-2226S). OvisLink OV-2200 Series can connect all (Fast) Ethernet devices so that your investment is protected. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2200 Series provides desktop Fast Ethernet and Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks.

The OvisLink OV-2200 Series also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion slot).
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- QinQ VLAN Stacking (Only on Gigabit Ethernet ports)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree

- Scalability
- LACP and static Port trunking. Up to 3 groups with up to 8 ports per group
- Clustering. Manageability through a single **P** address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- Port-MAC binding

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2209POE

8-port 10/100M Fast Ethernet POE
1 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 8 x 10/100M RJ-45 MDI/MDI-X Self adapting Ports
  - 1 x 100/1000M Ethernet Expansion Slot
  - 1 Console Port
- Switch fabric: 8 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 4 K
- Queuing buffer:32 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 16 MB (up to 32 MB)

Physical

- Dimensions: (L – W - H) 230 - 147 - 44 mm
- Weight: 1,95 Kg
- Power consumption: 18 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: < 15 dB (no fan)
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3AF
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2209	Network manageable Ethernet switch with 8 10/100M Fast Ethernet ports, 1 10/100/1000M TX/ Gigabit SFP port, and 1 Console port.
OV-2209	Network manageable Ethernet switch with 8 10/100M Fast Ethernet POE ports, 1 10/100/1000M TX/Gigabit SFP port, and 1 Console port.
OV-2226S	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. Standard AC power support.
OV-2226S-DC	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. DC power support.
OV-100TX	1 port 10/100Base-TX
OV-100SC	1 port 100Base-FX module, MM, SC, 2km, 1310nm
OV-115SC	1 port 100Base-FX module, SM, SC, 15km, 1310nm
OV-100F	1-port 100M SFP Module base board
OV-1000TX/LC	1-port 10/100/1000MBase-TX/SFP Combo Module
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm
OV-STACK	1 port Stack module

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2226S

24-port 10/100M Fast Ethernet
2 x 100/1000M Ethernet Expansion Slot
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2200 Series is a modularized hi-performance workgroup-level or enterprise-scale switch, with 24 Fast Ethernet ports and 2 expansion slots for Gigabit connections (for OV-2226S). OvisLink OV-2200 Series can connect all (Fast) Ethernet devices so that your investment is protected. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2200 Series provides desktop Fast Ethernet and Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks.

The OvisLink OV-2200 Series also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion slot).
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- QinQ VLAN Stacking (Only on Gigabit Ethernet ports)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree

- Scalability
- LACP and static Port trunking. Up to 3 groups with up to 8 ports per group
- Clustering. Manageability through a single **P** address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- Port-MAC binding

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2226S

24-port 10/100M Fast Ethernet
2 x 100/1000M Ethernet Expansion Slot
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 24 x 10/100M RJ-45 MDI/MDI-X Self adapting Ports
  - 2 x 100/1000M Ethernet Expansion Slot
  - 1 Console Port
- Switch fabric: 24 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer:64 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 16 MB (up to 32 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,15 Kg
- Power consumption: 27 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 21 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2209	Network manageable Ethernet switch with 8 10/100M Fast Ethernet ports, 1 10/100/1000M TX/ Gigabit SFP port, and 1 Console port.
OV-2226S	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. Standard AC power support.
OV-2226S-DC	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. DC power support.
OV-100TX	1 port 10/100Base-TX
OV-100SC	1 port 100Base-FX module, MM, SC, 2km, 1310nm
OV-115SC	1 port 100Base-FX module, SM, SC, 15km, 1310nm
OV-100F	1-port 100M SFP Module base board
OV-1000TX/LC	1-port 10/100/1000MBase-TX/SFP Combo Module
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm
OV-STACK	1 port Stack module

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2228

24 x 10/100M TX Ports
2 x 10/100/1000M TX ports
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2228/OV-2228F/OV2228PoE is a hi-performance workgroup-level or enterprise-scale switch, with 24 Fast Ethernet ports (24 100M SFP slots for S2228F) plus up to 4 gigabit ports. OvisLink OV-2228/OV-2228F/OV-2228PoE can connect all (Fast) Ethernet devices so that your investment is protected. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2228/OV-2228F/OV-2228PoE provides desktop Fast Ethernet and Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, mid-market, and branch office networks. OvisLink OV-2228PoE also provides PoE to allow easy connectivity to Ethernet-powered devices such as IP phones, wireless access points or IP cameras. OvisLink OV-2228PoE complies with IEEE 802.3af. PoE removes the need for wall power to each PoE-enabled device and eliminates the cost for additional electrical cable and circuits that would otherwise be necessary in IP phone, WLAN deployments and video surveillance.

The OvisLink OV-2228/OV-2228F/OV-2228PoE provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree

- Scalability
- LACP and static Port trunking. Up to 3 groups with up to 8 ports per group
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size (100M ports) and 8M step size (1000M ports)
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- DHCP Snooping
- IP Source guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2228

24 x 10/100M TX Ports
2 x 10/100/1000M TX ports
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 24 x 10/100M TX Ports
  - 2 x 10/100/1000M TX ports
  - 2 x 1000M TX/SFP combo ports
  - 1 Console Port

- Switch fabric: 36 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 225 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 25 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 21 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2228	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2228-DC	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and DC power supply
OV-2228F	Managed Ethernet switch with 24 100M SFP slots, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2228POE	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE , PoE support, Max. 5.4W power output per port
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface, 40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2228F

24 x 100M SFP slots
2 x 10/100/1000M TX ports
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2228/OV-2228F/OV2228PoE is a hi-performance workgroup-level or enterprise-scale switch, with 24 Fast Ethernet ports (24 100M SFP slots for S2228F) plus up to 4 gigabit ports. OvisLink OV-2228/OV-2228F/OV-2228PoE can connect all (Fast) Ethernet devices so that your investment is protected. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2228/OV-2228F/OV-2228PoE provides desktop Fast Ethernet and Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, mid-market, and branch office networks. OvisLink OV-2228PoE also provides PoE to allow easy connectivity to Ethernet-powered devices such as IP phones, wireless access points or IP cameras. OvisLink OV-2228PoE complies with IEEE 802.3af. PoE removes the need for wall power to each PoE-enabled device and eliminates the cost for additional electrical cable and circuits that would otherwise be necessary in IP phone, WLAN deployments and video surveillance.

The OvisLink OV-2228/OV-2228F/OV-2228PoE provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree

- Scalability
- LACP and static Port trunking. Up to 3 groups with up to 8 ports per group
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size (100M ports) and 8M step size (1000M ports)
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- DHCP Snooping
- IP Source guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2228F

24 x 100M SFP slots
2 x 10/100/1000M TX ports
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 24 x 100M SFP slots
  - 2 x 10/100/1000M TX ports
  - 2 x 1000M TX/SFP combo ports
  - 1 Console Port

- Switch fabric: 36 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 225 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 25 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 21 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2228	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2228-DC	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and DC power supply
OV-2228F	Managed Ethernet switch with 24 100M SFP slots, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2228POE	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE , PoE support, Max. 5.4W power output per port
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface, 40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2228POE

24 x 10/100M TX Ports (PoE support)
2 x 10/100/1000M TX ports
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2228/OV-2228F/OV2228PoE is a hi-performance workgroup-level or enterprise-scale switch, with 24 Fast Ethernet ports (24 100M SFP slots for S2228F) plus up to 4 gigabit ports. OvisLink OV-2228/OV-2228F/OV-2228PoE can connect all (Fast) Ethernet devices so that your investment is protected. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application

OvisLink OV-2228/OV-2228F/OV-2228PoE provides desktop Fast Ethernet and Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, mid-market, and branch office networks. OvisLink OV-2228PoE also provides PoE to allow easy connectivity to Ethernet-powered devices such as IP phones, wireless access points or IP cameras. OvisLink OV-2228PoE complies with IEEE 802.3af. PoE removes the need for wall power to each PoE-enabled device and eliminates the cost for additional electrical cable and circuits that would otherwise be necessary in IP phone, WLAN deployments and video surveillance.

The OvisLink OV-2228/OV-2228F/OV-2228PoE provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree

- Scalability
- LACP and static Port trunking. Up to 3 groups with up to 8 ports per group
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size (100M ports) and 8M step size (1000M ports)
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- DHCP Snooping
- IP Source guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2228POE

24 x 10/100M TX Ports (PoE support)
2 x 10/100/1000M TX ports
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 24 x 10/100M TX Ports (PoE support)
  - 2 x 10/100/1000M TX ports
  - 2 x 1000M TX/SFP combo ports
  - 1 Console Port

- Switch fabric: 36 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 225 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 25 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 21 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2228	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2228-DC	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and DC power supply
OV-2228F	Managed Ethernet switch with 24 100M SFP slots, 2 * 10/100/1000M TX, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2228POE	Managed Ethernet switch with 24 10/100M Fast Ethernet ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE , PoE support, Max. 5.4W power output per port
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface, 40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2252S

48-port 10/100M Fast Ethernet
2 x 100/1000M Ethernet Expansion Slots
Supports up to 4 Gigabit Ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2252S is the next-generation hi-performance L2 Ethernet switch with 48 Fast Ethernet ports. It has an advanced architecture providing 36 Gbps switch fabric, and 13.1 Mpps forwarding rate. Its hardware wire-speed switching capability provides a powerful, multi-layer solution not only for enterprises, but also for Internet Service Providers (ISP's) and telecom carriers.

Application

OvisLink OV-2252S provides dense Fast Ethernet, enabling enhanced LAN services for middle-level enterprise, midmarket and ISPs.

The OvisLink OV-2252S also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- High density port configuration including 48 Fast Ethernet ports
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion slot).
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- QinQ
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 8 groups with up to 32 ports per group
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, VLAN and IP ACL for incoming traffic per port
- Web authentication
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2252S

48-port 10/100M Fast Ethernet
2 x 100/1000M Ethernet Expansion Slots
Supports up to 4 Gigabit Ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 48 x 10/100M RJ-45 MDI/MDI-X Self-adapting Ports
  - 2 x 100/1000M Ethernet Expansion Slots (supports up to 4 Gigabit Ports)
  - 1 Console Port

- Switch fabric: 36 Gbps
- Forward rate: 13,1 Mpps
- Switching mode: Store and forward
- MAC address table size: 16 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 60 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 21 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2252S	Network manageable Ethernet switch with 48 10/100M Fast Ethernet ports, 2 expansion slots supporting up to 4 Gigabit ports, 1 CONSOLE, and standard AC power supply.
OVM-2GF	2-port 1000-M SFP/RJ45 Ethernet Combo Module (need GSFP module)
OVM-200F	2-port 100-M SFP Ethernet Module (need FSFP module)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2252

48-port 10/100M Fast Ethernet
2 x 100/1000M TX ports
2 Gigabit SFP slots
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2252 is the next-generation hi-performance L2 Ethernet switch with 48 Fast Ethernet ports. It has an advanced architecture providing 36 Gbps switch fabric, and 13.1 Mpps forwarding rate. Its hardware wire-speed switching capability provides a powerful, multi-layer solution not only for enterprises, but also for Internet Service Providers (ISP's) and telecom carriers.

Application

OvisLink OV-2252 provides dense Fast Ethernet, enabling enhanced LAN services for middle-level enterprise, midmarket and ISPs.

The OvisLink OV-2252 also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- High density port configuration including 48 Fast Ethernet ports
- Gigabit Ethernet connectivity using both 1000BaseTX and SFP ports.
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Lifetime warranty.
- Free software updates

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 6 groups with up to 8 ports per group
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 1M step size at 100M ports and 8M step size at 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, VLAN and IP ACL for incoming traffic per port
- Web authentication
- DHCP Snooping

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 FAST/GIGABIT ETHERNET SWITCH

OV-2252

48-port 10/100M Fast Ethernet
2 x 100/1000M TX ports
2 Gigabit SFP slots
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 48 x 10/100M RJ-45 MDI/MDI-X Self-adapting Ports
  - 2 x 100/1000M TX ports
  - 2 Gigabit SFP slots
  - 1 Console Port
- Switch fabric: 36 Gbps
- Forward rate: 13,1 Mpps
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 16 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 385 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 40 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 21 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1w
  - IEEE 802.1s
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2252	Network manageable Ethernet switch with 48 10/100M Fast Ethernet ports, 2 10/100/1000M Ethernet ports, 2 Gigabit SFP slots, 1 Console Port, and standard AC power supply
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2508

6-port 10/100/1000M Fast Ethernet
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2500 Series is a hi-performance L2 switch family, which is capable of gigabit speed packet forwarding. The switch has family has different ports configuration options. Due to its high performance and low cost, OvisLink OV-2500 family is considered a very competitive Ethernet switching solution for community networking and workgroup networking in enterprise networks. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application
OvisLink OV-2500 Series provides desktop Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks. At speeds of 1000 Mbps, Gigabit Ethernet provides the bandwidth to meet new and evolving network demands, alleviate bottlenecks, and boost performance while increasing the return on existing infrastructure investments. Today's workers are placing higher demands on networks, running multiple, concurrent applications and Gigabit Ethernet access is needed to fulfill these needs. It also provides a great solution for data centers and server farm network access.

The OvisLink OV-2500 Series provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- High speed solution with Gigabit Ethernet network access
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 24 groups with up to 12 ports per group
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size for 100M ports. 8M step size for 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2508

6-port 10/100/1000M Fast Ethernet
2 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

• Ports:
- 6 x 10/100/1000M TX Ports
- 2 x 1000M TX/SFP combo ports
- 1 Console Port

• Switch fabric: 24 Gbps
• Forward rate: All wire-speed forwarding and filtering
• Switching mode: Store and forward
• MAC address table size: 8 K
• Queuing buffer: 64 MB
• FLASH: 4 MB (up to 8 MB)
• SDRAM: 32 MB (up to 64 MB)

Physical

• Dimensions: (L – W - H) 442 - 316 - 44 mm
• Weight: 2,4 Kg
• Power consumption: 18 W
• Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
• LED indicators: Power, system, link, activity
• Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
• Humidity: 0 ~ 90% (no condensing)
• Acoustic noise: <15 dB
• Mean Time Between Failure (MTBF): 178189,1 hours

Standards

• Supported standards:
- IEEE 802.1D Spanning Tree Protocol
- IEEE 802.1p CoS Prioritization
- IEEE 802.1Q VLAN
- IEEE 802.1w
- IEEE 802.1x
- IEEE 802.3ad
- IEEE 802.3AB
- IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
- IEEE 802.3 10BASE-T specification
- IEEE 802.3u 100BASE-TX specification
- IEEE 802.3ab 1000BASE-T specification
- IEEE 802.3z 1000BASE-X specification
- 100BASE-FX (SFP)
- 100BASE-LX (SFP)
- 1000BASE-SX (SFP)
- 1000BASE-LX/LH (SFP)
- 1000BASE-ZX (SFP)
- RMON I and II standards
- SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2508	Managed Ethernet switch with 6 10/100/1000M TX ports, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2516	Managed Ethernet switch with 12 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524	Managed Ethernet switch with 20 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524F	Managed Ethernet switch with 20 10/100/1000M SFP ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and DC power supply
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2516

12-port 10/100/1000M Fast Ethernet
4 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2500 Series is a hi-performance L2 switch family, which is capable of gigabit speed packet forwarding. The switch has family has different ports configuration options. Due to its high performance and low cost, OvisLink OV-2500 family is considered a very competitive Ethernet switching solution for community networking and workgroup networking in enterprise networks. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application
OvisLink OV-2500 Series provides desktop Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks. At speeds of 1000 Mbps, Gigabit Ethernet provides the bandwidth to meet new and evolving network demands, alleviate bottlenecks, and boost performance while increasing the return on existing infrastructure investments. Today's workers are placing higher demands on networks, running multiple, concurrent applications and Gigabit Ethernet access is needed to fulfill these needs. It also provides a great solution for data centers and server farm network access.

The OvisLink OV-2500 Series provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- High speed solution with Gigabit Ethernet network access
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 24 groups with up to 12 ports per group
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size for 100M ports. 8M step size for 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2516

12-port 10/100/1000M Fast Ethernet
4 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 12 x 10/100/1000M TX Ports
  - 4 x 1000M TX/SFP combo ports
  - 1 Console Port

- Switch fabric: 48 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 32 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 4,9 Kg
- Power consumption: 40 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2508	Managed Ethernet switch with 6 10/100/1000M TX ports, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2516	Managed Ethernet switch with 12 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524	Managed Ethernet switch with 20 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524F	Managed Ethernet switch with 20 10/100/1000M SFP ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and DC power supply
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2524

20-port 10/100/1000M Fast Ethernet
4 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2500 Series is a hi-performance L2 switch family, which is capable of gigabit speed packet forwarding. The switch has family has different ports configuration options. Due to its high performance and low cost, OvisLink OV-2500 family is considered a very competitive Ethernet switching solution for community networking and workgroup networking in enterprise networks. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application
OvisLink OV-2500 Series provides desktop Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks. At speeds of 1000 Mbps, Gigabit Ethernet provides the bandwidth to meet new and evolving network demands, alleviate bottlenecks, and boost performance while increasing the return on existing infrastructure investments. Today's workers are placing higher demands on networks, running multiple, concurrent applications and Gigabit Ethernet access is needed to fulfill these needs. It also provides a great solution for data centers and server farm network access.

The OvisLink OV-2500 Series provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- High speed solution with Gigabit Ethernet network access
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 24 groups with up to 12 ports per group
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size for 100M ports. 8M step size for 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2524

20-port 10/100/1000M Fast Ethernet
4 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 20 x 10/100/1000M TX Ports
  - 4 x 1000M TX/SFP combo ports
  - 1 Console Port

- Switch fabric: 64 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 16 MB)
- SDRAM: 32 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 31 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2508	Managed Ethernet switch with 6 10/100/1000M TX ports, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2516	Managed Ethernet switch with 12 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524	Managed Ethernet switch with 20 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524F	Managed Ethernet switch with 20 10/100/1000M SFP ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and DC power supply
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2524F

20-port 10/100/1000M SFP Ports
4 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink, OV-2500 Series is a hi-performance L2 switch family, which is capable of gigabit speed packet forwarding. The switch has family has different ports configuration options. Due to its high performance and low cost, OvisLink OV-2500 family is considered a very competitive Ethernet switching solution for community networking and workgroup networking in enterprise networks. The hi-speed connection it provides among workgroups can boost the capability of server clusters, and solves the bottleneck caused by increasing users and limited bandwidth, making network resources more available for your enterprise. More importantly, all of the advantages are brought to you by OvisLink at low costs and with easy maintenance and the best support.

Application
OvisLink OV-2500 Series provides desktop Gigabit Ethernet connectivity, enabling enhanced LAN services for entry-level enterprise, midmarket, and branch office networks. At speeds of 1000 Mbps, Gigabit Ethernet provides the bandwidth to meet new and evolving network demands, alleviate bottlenecks, and boost performance while increasing the return on existing infrastructure investments. Today's workers are placing higher demands on networks, running multiple, concurrent applications and Gigabit Ethernet access is needed to fulfill these needs. It also provides a great solution for data centers and server farm network access.

The OvisLink OV-2500 Series provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- High speed solution with Gigabit Ethernet network access
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 24 groups with up to 12 ports per group
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size for 100M ports. 8M step size for 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2524F

20-port 10/100/1000M SFP Ports
4 x 1000M TX/SFP combo ports
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 20 x 10/100/1000M SFP Ports
  - 4 x 1000M TX/SFP combo ports
  - 1 Console Port

- Switch fabric: 64 Gbps
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 4 MB (up to 8 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 60 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2508	Managed Ethernet switch with 6 10/100/1000M TX ports, 2 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2516	Managed Ethernet switch with 12 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524	Managed Ethernet switch with 20 10/100/1000M TX ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and standard AC power supply
OV-2524F	Managed Ethernet switch with 20 10/100/1000M SFP ports, 4 * 1000M TX/SFP combo ports, 1 CONSOLE, and DC power supply
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2528

24-port 10/100M
4 x Gigabit SFP slots
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2528 is an enhanced L2 switch, which is capable of high performance and gigabit speed packet forwarding. This switch has 24 RJ45 10/100/1000M TX ports, plus 4 SFP slots. Due to its high performance and low cost, OvisLink OV-2528 switch is considered a very competitive Ethernet switching solution for community networking and workgroup networking in enterprise networks.

Application

OvisLink OV-2528 provides Gigabit Ethernet speed at network access, enabling enhanced LAN services for middle-level and large enterprise.

The OvisLink OV-2528 also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access using both 1000BaseTX and SFP ports.
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- QinQ (VLAN Stacking)
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 24 groups with up to 12 ports per group
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size for 100M ports. 8M step size for 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, VLAN and IP ACL for incoming traffic per port
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2528

24-port 10/100M
4 x Gigabit SFP slots
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 24 x 10/100M RJ-45 MDI/MDI-X Self-adapting Ports
  - 4 x Gigabit SFP slots
  - 1 Console Port

- Switch fabric: 64 Gbps
- Forward rate: Full wire-speed
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 64 MB (up to 256 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 30 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 26 dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

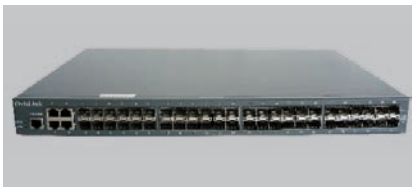
Product	Description
OV-2528	Network manageable switch with 24 10/100/1000M Giga Ethernet ports, 4 Gigabit SFP slots, 1 Console Port, and standard AC power supply
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2548F

44 x Gigabit SFP slots
4 x SFP/TX combo slots
1 Console port
Network manageable



Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2548F is an enhanced L2 switch, which is capable of high performance and gigabit speed packet forwarding. This switch has 44 1000M SFP slots, plus 4 TX/SFP combo ports. Due to its high performance and low cost, OvisLink OV-2548F switch is considered a very competitive Giga Ethernet switching solution for community networking and workgroup networking in enterprise networks.

Application

OvisLink OV-2548F provides Gigabit Ethernet speed at network access, enabling enhanced LAN services for middle-level and large enterprise.

The OvisLink OV-2548F also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- Full fiber Gigabit Ethernet access.
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, and IGMP and DHCP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning tree

- Scalability
- LACP and static Port trunking. Up to 24 groups with up to 12 ports per group
- LLDP (Link Layer Discovery Protocol)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size for 100M ports. 8M step size for 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, VLAN and IP ACL for incoming traffic per port
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2548F

44 x Gigabit SFP slots
4 x SFP/TX combo slots
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 44 x Gigabit SFP slots
  - 4 x SFP/TX combo slots
  - 1 Console Port
- Switch fabric: 128 Gbps
- Forward rate: Full wire-speed
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 70 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: ≈21dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2548F	Network manageable switch with 44 1000M SFP slots, 4 Gigabit TX/SFP Combo ports, 1 Console Port, and standard AC power supply
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2552

48 x 10/100/1000M RJ-45 ports
4 x Gigabit SFP slots
1 Console port
Network manageable

Hi-performance, Network Manageable Fast Ethernet Switch

Proudly presented by OvisLink OV-2552 is an enhanced L2 switch, which is capable of high performance and gigabit speed packet forwarding. This switch has 48 10/100/1000M TX plus 4 GSFP slots. Due to its high performance and low cost, OvisLink OV-2552 switch is considered a very competitive Giga Ethernet switching solution for community networking and workgroup networking in enterprise networks.

Application

OvisLink OV-2552 provides Gigabit Ethernet speed at network access, enabling enhanced LAN services for middle-level and large enterprise.

The OvisLink OV-2552 also provides:

- Intelligent features at the network edge, such as access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access using both TX and SFP ports.
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs, and IGMP and DHCP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Up to 4024 VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning tree

- Scalability
- LACP and static Port trunking. Up to 6 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size at 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, VLAN and IP ACL for incoming traffic per port
- DHCP Snooping
- IP Source Guard

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L2 GIGABIT ETHERNET SWITCH

OV-2552

48 x 10/100/1000M RJ-45 ports
4 x Gigabit SFP slots
1 Console port
Network manageable

Hardware:

Performance

- Ports:
  - 48 x 10/100/1000M RJ-45 MDI/MDI-X Self-adapting Ports
  - 4 x Gigabit SFP slots
  - 1 Console Port

- Switch fabric: 192 Gbps
- Forward rate: Full wire-speed
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical

- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 80 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards

- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-2552	Network manageable switch with 48 10/100/1000M Giga Ethernet poorts, 4 Gigabit TX/SFP Combo ports, 1 Console Port, and standard AC power supply
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 FAST ETHERNET SWITCH

OV-3226S

24 x 10/100M RJ-45 ports
2 x 100/1000M Ethernet Expansion Slots
1 Console port
Network manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch

OvisLink is proud to present the new OV-3226S as the next-generation Fast Ethernet L3 switch. It has an advanced architecture, 24 Gbps switch fabric, and 6.6 Mpps L3 forwarding rate. Its hardware wire-speed L3 switching capability provides a powerful, multi-layered solution not only for enterprises, but also for Internet Service Providers (ISP's) and telecom carriers.

Application

OvisLink OV-3226S is an enterprise-class switch providing Fast Ethernet and Gigabit Ethernet configurations. The OvisLink OV-3226S is an ideal access layer switch for small enterprise LAN access or branch-office environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3226S provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3226S is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- Up to 256 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree

- Scalability
- LACP and static Port trunking. Up to 6 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- 2 power sources (optional)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size for 100M ports. 8M step size for 1000M ports
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BEIGRP (compatible with Cisco's BEIGRP)
- BGP v4
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 FAST ETHERNET SWITCH

OV-3226S

24 x 10/100M RJ-45 ports
2 x 100/1000M Ethernet Expansion Slots
1 Console port
Network manageable L3

Hardware:

Performance
- Ports:
  - 24 x 10/100M RJ-45 MDI/MDI-X Self-adapting Ports
  - 2 x 100/1000M Ethernet Expansion Slots
  - 1 Console Port
- Switch fabric: 24 Gbps
- L3 forwarding rate: 6,6 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 64 MB (up to 128 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 30 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: <15dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3226S	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. Standard AC power support.
OV-3226S-DC	Network manageable Ethernet switch with 24 10/100M Fast Ethernet ports, 2 expansion slots, and 1 Console port. DC power support.
OV-100TX	1 port 10/100Base-TX
OV-100SC	1 port 100Base-FX module, MM, SC, 2km, 1310nm
OV-115SC	1 port 100Base-FX module, SM, SC,15km, 1310nm
OV-100F	1-port 100M SFP Module base board
OV-1000TX/LC	1-port 10/100/1000MBase-TX/SFP Combo Module
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm
OV-STACK	1 port Stack module

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 FAST ETHERNET SWITCH

OV-3228

24 x 10/100M RJ-45 ports
4 x 10/100/1000M Combo ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch

OvisLink is proud to present the new OV-3228 as the next-generation Fast Ethernet L3 switch. It has an advanced architecture, 36 Gbps switch fabric, and 9.6 Mpps L3 forwarding rate. Its hardware wire-speed L3 switching capability provides a powerful, multi-layered solution not only for enterprises, but also for Internet Service Providers (ISP's) and telecom carriers.

Application
OvisLink OV-3228 is an enterprise-class switch providing Fast Ethernet and Gigabit Ethernet configurations. The OvisLink OV-3228 is an ideal access layer switch for small enterprise LAN access or branch-office environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3228 provides:

- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3228 is perfectly equipped for net works requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- VPN Routing and Forwarding (VRF)
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 256 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 6 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- 2 power sources (optional)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BEIGRP (compatible with Cisco's BEIGRP)
- BGP v4
- IP-based routing policies
- VRF
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP, VLAN and Time-based ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 FAST ETHERNET SWITCH

OV-3228

24 x 10/100M RJ-45 ports
4 x 10/100/1000M Combo ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 24 x 10/100M RJ-45 MDI/MDI-X Self-adapting Ports
  - 4 x 10/100/1000M Combo ports
  - 1 Console Port
- Switch fabric: 36 Gbps
- L3 forwarding rate: 9,6 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 4 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 256 MB)

Physical
- Dimensions: (L – W - H) 442 - 385 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 40 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3228	Network manageable Ethernet switch with 20 10/100/1000M Fast Ethernet ports, 4 1000M TX/SFP combo ports, and 1 Console port. Standard AC power support.
OV-3228-DC	Network manageable Ethernet switch with 20 10/100/1000M Fast Ethernet ports, 4 1000M TX/SFP combo ports, and 1 Console port. DC power support.
OV-3228-2AC	Network manageable Ethernet switch with 20 10/100/1000M Fast Ethernet ports, 4 1000M TX/SFP combo ports, and 1 Console port. Dual AC power support.
OV-3228-2DC	Network manageable Ethernet switch with 20 10/100/1000M Fast Ethernet ports, 4 1000M TX/SFP combo ports, and 1 Console port. Dual DC power support.
OV-3228-AC-DC	Network manageable Ethernet switch with 20 10/100/1000M Fast Ethernet ports, 4 1000M TX/SFP combo ports, and 1 Console port. AC + DC power support.
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 FAST ETHERNET SWITCH

OV-3252S

48-port 10/100m Fast Ethernet
2 x 100/1000m Ethernet Expansion Slots
Supports up to 4 Gigabit Ports
1 console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch

OvisLink is proud to present the OV-3252S the next-generation hi-performance L3 Ethernet switch. It has an advanced architecture, 36 Gbps switch fabric, and 13.1Mpps L3 forwarding rate. Its hardware wire-speed L3 switching capability provides a powerful, multi-layered solution not only for enterprises, but also for Internet Service Providers (ISPs) and telecom carriers.

Application
OvisLink OV-3252S is an enterprise-class switch providing Fast Ethernet and Gigabit Ethernet configurations. The OvisLink OV-3252S is an ideal distribution layer switch for enterprise LAN or branch-office environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3252S provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3252S is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 64K step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BEIGRP (compatible with Cisco's BEIGRP)
- BGP v4
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC and IP ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 FAST ETHERNET SWITCH

OV-3252S

48-port 10/100m Fast Ethernet
2 x 100/1000m Ethernet Expansion Slots
Supports up to 4 Gigabit Ports
1 console port
Manageable L3

Hardware:

Performance
- Ports:
  - 48 x 10/100/1000M RJ-45 MDI/MDI-X Self-adapting Ports
  - 2 x 100/1000M Ethernet expansion slots
  - 1 Console Port
- Switch fabric: 36 Gbps
- L3 forwarding rate: 13,1 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 16 K
- Routing table size: 30 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 256 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 40 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3252S	Network manageable Ethernet switch with 48 10/100M Fast Ethernet ports, 2 expansion slots supporting up to 4 Gigabit ports, 1 Console, and standard AC power supply
OVM-2GF	2-port 1000-M SFP/RJ45 Ethernet Combo Module (need GSFP module)
OVM-200F	2-port 100-M SFP Ethernet Module (need FSFP module)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
MGM-100LC	1-port 100BaseSX SFP module, multi-mode, LC interface, 2km, wavelength: 1310 nm
MGM-115LC	1-port 100BaseSX SFP module, single-mode, LC interface, 15km, wavelength: 1310 nm
MGM-140LC	1-port 100BaseSX SFP module, single-mode, LC interface,40km, wavelength: 1310 nm
MGM-180LC	1-port 100BaseSX SFP module, single-mode, LC interface, 80km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3512F

8 Gigabit SFP Ports
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3500 Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks. .

Application
OvisLink OV-3500 Series is an enterprise-class switch providing Gigabit Ethernet configurations. Any OvisLink OV-3500 Series is an ideal aggregation level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3500 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3500 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Management through a single IP address. Up to 256 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-bas ed authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3512F

8 Gigabit SFP Ports
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 8 Gigabit SFP Ports
  - 4 SFP/TX Combo Ports
  - 1 Console port

- Switch fabric: 48 Gbps
- L3 forwarding rate: 18 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 4 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 256 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 40 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3512F	All-Giga-port Ethernet switch. 8+4 ports (1 CONSOLE port, 8 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3512F-2AC	Network management Router Switch, 8 SFP ports + 4 ports 10/100/100M TX/Giga-bit SFP Combo, 2 AC power supply
OV-3524	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3548	All-Giga-port Ethernet switch. 44+4 ports (1 CONSOLE port, 44 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3512F-2AC

8 Gigabit SFP Ports
4 SFP/TX Combo Ports + 1 Console port
Manageable L3
2AC power supply

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3500 Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks. .

Application
OvisLink OV-3500 Series is an enterprise-class switch providing Gigabit Ethernet configurations. Any OvisLink OV-3500 Series is an ideal aggregation level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3500 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3500 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Management through a single IP address. Up to 256 switches per cluster
- RPS included (2 AC power supply)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-bas ed authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3512F-2AC

8 Gigabit SFP Ports
4 SFP/TX Combo Ports + 1 Console port
Manageable L3
2AC power supply

Hardware:

Performance
• Ports:
- 8 Gigabit SFP Ports
- 4 SFP/TX Combo Ports
- 1 Console port

• Switch fabric: 48 Gbps
• L3 forwarding rate: 18 Mpps, all wire-speed and filtering
• Forward rate: All wire-speed forwarding and filtering
• Switching mode: Store and forward
• MAC address table size: 8 K
• Routing table size: 4 K
• Queuing buffer: 64 MB
• FLASH: 8 MB (up to 16 MB)
• SDRAM: 128 MB (up to 256 MB)

Physical
• Dimensions: (L – W - H) 442 - 316 - 44 mm
• Weight: 5,4 Kg
• Power consumption: 40 W
• Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
• LED indicators: Power, system, link, activity
• Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
• Humidity: 0 ~ 90% (no condensing)
• Acoustic noise: 27dB
• Mean Time Between Failure (MTBF): 178189,1 hours

Standards
• Supported standards:
- IEEE 802.1D Spanning Tree Protocol
- IEEE 802.1p CoS Prioritization
- IEEE 802.1Q VLAN
- IEEE 802.1s
- IEEE 802.1w
- IEEE 802.1x
- IEEE 802.3ad
- IEEE 802.3AB
- IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
- IEEE 802.3 10BASE-T specification
- IEEE 802.3u 100BASE-TX specification
- IEEE 802.3ab 1000BASE-T specification
- IEEE 802.3z 1000BASE-X specification
- 100BASE-FX (SFP)
- 100BASE-LX (SFP)
- 1000BASE-SX (SFP)
- 1000BASE-LX/LH (SFP)
- 1000BASE-ZX (SFP)
- RIP
- OSPF
- BGP
- IGMP v1, IGMP v2, IGMP v3
- NAT/PAT
- DHCP
- VRRP
- RMON I and II standards
- SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3512F	All-Giga-port Ethernet switch. 8+4 ports (1 CONSOLE port, 8 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3512F-2AC	Network management Router Switch, 8 SFP ports + 4 ports 10/100/100M TX/Giga-bit SFP Combo, 2 AC power supply
OV-3524	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3548	All-Giga-port Ethernet switch. 44+4 ports (1 CONSOLE port, 44 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524

20 10/100/1000M TX Ports
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3500 Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks. .

Application
OvisLink OV-3500 Series is an enterprise-class switch providing Gigabit Ethernet configurations. Any OvisLink OV-3500 Series is an ideal aggregation level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3500 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3500 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- Policy-based routing (except for OV-3512F)
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524

20 10/100/1000M TX Ports
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 20 10/100/1000M TX Ports
  - 4 SFP/TX Combo Ports
  - 1 Console port

- Switch fabric: 64 Gbps
- L3 forwarding rate: 36 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 2 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 80 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3512F	All-Giga-port Ethernet switch. 8+4 ports (1 CONSOLE port, 8 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3512F-2AC	Network management Router Switch, 8 SFP ports + 4 ports 10/100/100M TX/Giga-bit SFP Combo, 2 AC power supply
OV-3524	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3548	All-Giga-port Ethernet switch. 44+4 ports (1 CONSOLE port, 44 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524F

20 Gigabit SFP Slots
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3500 Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks. .

Application
OvisLink OV-3500 Series is an enterprise-class switch providing Gigabit Ethernet configurations. Any OvisLink OV-3500 Series is an ideal aggregation level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3500 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3500 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:

- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- Policy-based routing (except for OV-3512F)
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524F

20 Gigabit SFP Slots
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 20 Gigabit SFP Slots
  - 4 SFP/TX Combo Ports
  - 1 Console port
- Switch fabric: 64 Gbps
- L3 forwarding rate: 36 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 2 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 60 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3512F	All-Giga-port Ethernet switch. 8+4 ports (1 CONSOLE port, 8 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3512F-2AC	Network management Router Switch, 8 SFP ports + 4 ports 10/100/100M TX/Giga-bit SFP Combo, 2 AC power supply
OV-3524	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3548	All-Giga-port Ethernet switch. 44+4 ports (1 CONSOLE port, 44 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524E

20-port 10/100/1000M
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500E Series belong to enhanced L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OV-3500EE Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks.

Application
OvisLink OV-3500E Series is an enterprise-class switch providing Gigabit Ethernet configurations. Any OvisLink OV-3500E Series is an ideal aggregation level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching. Also provides VRF for advanced IP routing, network segmentation and security.

The OvisLink OV-3500E Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3500E Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Virtual Routing and Forwarding (VRF)
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP
- VRF

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524E

20-port 10/100/1000M
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 20 Gigabit Ethernet Ports
  - 4 SFP/TX Combo Ports
  - 1 Console port
- Switch fabric: 64 Gbps
- L3 forwarding rate: 36 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 32 K
- Routing table size: 20 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 280 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 80 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
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  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3524E	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524FE	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524FE-2AC	Network management Router Switch, 20 gigabit SFP ports + 4ports 10/100/1000M TX/Gigabit SFP Combo, 2 AC power supply
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
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MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524FE

20 Gigabit SFP Slots
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500E Series belong to enhanced L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OV-3500EE Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks.

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- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
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- Virtual Routing and Forwarding (VRF)
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
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- VRF

- Multicast
- IGMP v1/2/3
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- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
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- Security
- 802.1x port-based authentication
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- RMON groups 1,2,3,9
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- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
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ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524FE

20 Gigabit SFP Slots
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
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- Switch fabric: 64 Gbps
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- FLASH: 8 MB (up to 16 MB)
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Physical
- Dimensions: (L – W - H) 442 - 280 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 60 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
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- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

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  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
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  - IGMP v1, IGMP v2, IGMP v3
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  - RMON I and II standards
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Ordering information

Product	Description
OV-3524E	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524FE	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524FE-2AC	Network management Router Switch, 20 gigabit SFP ports + 4ports 10/100/1000M TX/Gigabit SFP Combo, 2 AC power supply
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524FE-2AC

20 Gigabit SFP Slots
4 SFP/TX Combo Ports + 1 Console port
Manageable L3
2AC power supply

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500E Series belong to enhanced L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OV-3500EE Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks.

Application
OvisLink OV-3500E Series is an enterprise-class switch providing Gigabit Ethernet configurations. Any OvisLink OV-3500E Series is an ideal aggregation level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching. Also provides VRF for advanced IP routing, network segmentation and security.

The OvisLink OV-3500E Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3500E Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Virtual Routing and Forwarding (VRF)
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- RPS included (2 AC power supply)

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP
- VRF

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3524FE-2AC

20 Gigabit SFP Slots
4 SFP/TX Combo Ports + 1 Console port
Manageable L3
2AC power supply

Hardware:

Performance
- Ports:
  - 20 Gigabit SFP Slots
  - 4 SFP/TX Combo Ports
  - 1 Console port
- Switch fabric: 64 Gbps
- L3 forwarding rate: 36 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 32 K
- Routing table size: 20 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 280 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 60 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3524E	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524FE	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524FE-2AC	Network management Router Switch, 20 gigabit SFP ports + 4ports 10/100/1000M TX/Gigabit SFP Combo, 2 AC power supply
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3548

44-port 10/100/1000M
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3500 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3500 Series are considered a very competitive Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks. .

Application
OvisLink OV-3500 Series is an enterprise-class switch providing Gigabit Ethernet configurations. Any OvisLink OV-3500 Series is an ideal aggregation level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3500 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3500 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 256 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- Policy-based routing (except for OV-3512F)
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3548

44-port 10/100/1000M
4 SFP/TX Combo Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 44-port 10/100/1000M
  - 4 SFP/TX Combo Ports
  - 1 Console port
- Switch fabric: 192 Gbps
- L3 forwarding rate: 71 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 2 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 100 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3512F	All-Giga-port Ethernet switch. 8+4 ports (1 CONSOLE port, 8 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3512F-2AC	Network management Router Switch, 8 SFP ports + 4 ports 10/100/100M TX/Giga-bit SFP Combo, 2 AC power supply
OV-3524	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3524F	All-Giga-port Ethernet switch. 20+4 ports (1 CONSOLE port, 20 1000M SFP slots, 4 SFP/1000 Base-TX combo ports)
OV-3548	All-Giga-port Ethernet switch. 44+4 ports (1 CONSOLE port, 44 10/100/1000M Base-T Ethernet ports, 4 SFP/1000 Base-TX combo ports)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3552

48 Gigabit TX Ports
4 GSFP Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3552/OV-3552PoE is a standard L3 congestion-less Gigabit switch series, which are capable of multilayer switching and wire-speed route forwarding. Its high-performance ASIC enables you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports multiple access authentication models that can be flexibly configured, making it especially ideal for community access networks. OvisLink OV-3552/OV-3552PoE provides full Gigabit Ethernet connectivity, allowing high performance for advanced networks. Due to this high performance and low cost, OvisLink OV-3552/OV-3552PoE is considered a very competitive Gigabit Ethernet switching solution for enterprise networks.

Application
OvisLink OV-3552/OV-3552PoE is an enterprise-class switch providing Gigabit Ethernet configurations. OvisLink OV-3552/OV-3552PoE is an ideal aggregation level switch for middle and large enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems and providing capacity to handle large amounts of traffic. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC and high-performance IP routing while keeping the simplicity of traditional LAN switching with high performance.

The OvisLink OV-3552/OV-3552PoE Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet connectivity.
- High density port configuration.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 32 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3552

48 Gigabit TX Ports
4 GSFP Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 48 Gigabit TX Ports
  - 4 GSFP Ports
  - 1 Console port
- Switch fabric: 160 Gbps
- L3 forwarding rate: 78 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 512 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 280 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 120 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3af
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3552	All-Giga-port Ethernet switch. 48+4 ports (1 CONSOLE port, 48 GE TX, 4 GSFP ports)
OV-3552POE	All-Giga-port Ethernet switch. 48+4 ports (1 CONSOLE port, 48 GE TX, 4 GSFP ports) (PoE support)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3552POE

48 Gigabit PoE ports
4 GSFP Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3552/OV-3552PoE is a standard L3 congestion-less Gigabit switch series, which are capable of multilayer switching and wire-speed route forwarding. Its high-performance ASIC enables you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports multiple access authentication models that can be flexibly configured, making it especially ideal for community access networks. OvisLink OV-3552/OV-3552PoE provides full Gigabit Ethernet connectivity, allowing high performance for advanced networks. Due to this high performance and low cost, OvisLink OV-3552/OV-3552PoE is considered a very competitive Gigabit Ethernet switching solution for enterprise networks.

Application
OvisLink OV-3552/OV-3552PoE is an enterprise-class switch providing Gigabit Ethernet configurations. OvisLink OV-3552/OV-3552PoE is an ideal aggregation level switch for middle and large enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems and providing capacity to handle large amounts of traffic. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC and high-performance IP routing while keeping the simplicity of traditional LAN switching with high performance.

The OvisLink OV-3552/OV-3552PoE Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet connectivity.
- High density port configuration.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 32 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3552POE

48 Gigabit PoE ports
4 GSFP Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 48 Gigabit PoE Ports
  - 4 GSFP Ports
  - 1 Console port
- Switch fabric: 160 Gbps
- L3 forwarding rate: 78 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 512 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 280 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 120 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3af
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3552	All-Giga-port Ethernet switch. 48+4 ports (1 CONSOLE port, 48 GE TX, 4 GSFP ports)
OV-3552POE	All-Giga-port Ethernet switch. 48+4 ports (1 CONSOLE port, 48 GE TX, 4 GSFP ports) (PoE support)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3552POE-24

48 Gigabit ports (24 PoE)
4 GSFP Ports
1 Console port
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3552/OV-3552PoE/OV-3552PoE-24 is a standard L3 congestionless Gigabit switch series, which are capable of multilayer switching and wire-speed route forwarding. Its high-performance ASIC enables you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports multiple access authentication models that can be flexibly configured, making it especially ideal for community access networks. OvisLink OV-3552/OV-3552PoE/OV-3552PoE-24 provides full Gigabit Ethernet connectivity, allowing high performance for advanced networks. Due to this high performance and low cost, OvisLink OV-3552/OV-3552PoE/OV-3552PoE-24 is considered a very competitive Gigabit Ethernet switching solution for enterprise networks.

Application
OvisLink OV-3552/OV-3552PoE/OV-3552PoE-24 is an enterprise-class switch providing Gigabit Ethernet configurations. OvisLink OV-3552/OV-3552PoE/OV-3552PoE-24 is an ideal aggregation level switch for middle and large enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems and providing capacity to handle large amounts of traffic. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC and high-performance IP routing while keeping the simplicity of traditional LAN switching with high performance.

The OvisLink OV-3552/OV-3552PoE/OV-3552PoE-24 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit Ethernet connectivity.
- High density port configuration.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 32 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-3552POE-24

48 Gigabit ports (24 PoE)
4 GSFP Ports
1 Console port
Manageable L3

Hardware:

Performance
- Ports:
  - 48 Gigabit Ports (24 PoE)
  - 4 GSFP Ports
  - 1 Console port
- Switch fabric: 160 Gbps
- L3 forwarding rate: 78 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 512 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 280 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 120 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3af
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3552	All-Giga-port Ethernet switch. 48+4 ports (1 CONSOLE port, 48 GE TX, 4 GSFP ports)
OV-3552POE	All-Giga-port Ethernet switch. 48+4 ports (1 CONSOLE port, 48 GE TX, 4 GSFP ports) (PoE support)
OV-3552POE-24	All-Giga-port Ethernet switch. 48+4 ports (1 CONSOLE port, 48 GE TX, 4 GSFP ports) (PoE support)
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT/10 GIGABIT ETHERNET SWITCH

OV-3728S

20 Gigabit Ethernet ports
4 x Gigabit SFP/TX Combo Ports
2 x slots for 10G modules (up to 4 XFP ports)
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3700 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3700 Series are considered a very competitive 10 Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks

Application
OvisLink OV-3700 Series is an enterprise-class switch providing 10 Gigabit Ethernet port configurations. Any OvisLink OV-3700 Series is an ideal aggregation/core level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3700 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit and 10 Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3700 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 32 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT/10 GIGABIT ETHERNET SWITCH

OV-3728S

20 Gigabit Ethernet ports
4 x Gigabit SFP/TX Combo Ports
2 x slots for 10G modules (up to 4 XFP ports)
Manageable L3

Hardware:

Performance
• Ports:
- 20 x 10/100/1000M TX Ports
- 4 x 10/100/1000M SFP/TX Combo Ports
- 2 x slots for 10G modules (up to 4 XFP ports)
- 1 Console Port

• Switch fabric: 240 Gbps
• L3 forwarding rate: 96 Mpps, all wire-speed and filtering
• Forward rate: All wire-speed forwarding and filtering
• Switching mode: Store and forward
• MAC address table size: 8 K
• Routing table size: 2 K
• Queuing buffer: 64 MB
• FLASH: 8 MB (up to 16 MB)
• SDRAM: 128 MB (up to 512 MB)

Physical
• Dimensions: (L – W - H) 442 - 316 - 44 mm
• Weight: 5,4 Kg
• Power consumption: 80 W
• Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
• LED indicators: Power, system, link, activity
• Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
• Humidity: 0 ~ 90% (no condensing)
• Acoustic noise: 27dB
• Mean Time Between Failure (MTBF): 178189,1 hours

Standards
• Supported standards:
- IEEE 802.1D Spanning Tree Protocol
- IEEE 802.1p CoS Prioritization
- IEEE 802.1Q VLAN
- IEEE 802.1s
- IEEE 802.1w
- IEEE 802.1x
- IEEE 802.3af
- IEEE 802.3ad
- IEEE 802.3AB
- IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
- IEEE 802.3 10BASE-T specification
- IEEE 802.3u 100BASE-TX specification
- IEEE 802.3ab 1000BASE-T specification
- IEEE 802.3z 1000BASE-X specification
- 100BASE-FX (SFP)
- 100BASE-LX (SFP)
- 1000BASE-SX (SFP)
- 1000BASE-LX/LH (SFP)
- 1000BASE-ZX (SFP)
- RIP
- OSPF
- BGP
- IGMP v1, IGMP v2, IGMP v3
- NAT/PAT
- DHCP
- VRRP
- RMON I and II standards
- SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3728S	Network management Router Switch, 20 ports 10/100/100MBase-TX + 4 ports 10/100/1000Base-TX/SFP Combo + 2 extended slots for 10G modules (up to 4 XFP ports), 1 console
OV-3728SF	Network management Router Switch, 20 SEP ports 10/100/100MBase-TX + 4 ports 10/100/1000Base-TX/SFP Combo + 2 extended slots for 10G modules (up to 4 XFP ports), 1 console
OV-3752S	Network management Router Switch, 44 ports 10/100/100MBase-TX + 4 ports 10/100/1000Base-TX/SFP Combo + 2 extended slots for 10G modules (up to 4 XFP ports)
OVM-110GF-3728	1 port 10G XFP module base board for 3728S/3728SF
OVM-210GF-3728	2 port 10G XFP module base board for 3728S/3728SF
OVM-110GF-3752	1 port 10G XFP module base board for 3752S
OVM-210GF-3752	2 port 10G XFP module base board for 3752S
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
XFP-SX	10 Gigabit XFP Multi-mode, 850nm, 300m, LC interface optical module
XFP-LX-10	10 Gigabit XFP Single-mode, 1310nm, 10km, LC interface optical module
XFP-LX-40	10 Gigabit XFP Single-mode, 1550nm, 40km, LC interface optical module

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT/10 GIGABIT ETHERNET SWITCH

OV-3728SF

20 SFP ports
4 x Gigabit SFP/TX Combo Ports
2 x slots for 10G modules (up to 4 XFP ports)
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3700 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3700 Series are considered a very competitive 10 Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks

Application
OvisLink OV-3700 Series is an enterprise-class switch providing 10 Gigabit Ethernet port configurations. Any OvisLink OV-3700 Series is an ideal aggregation/core level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3700 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit and 10 Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3700 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- QinQ (VLAN Stacking)
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 32 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT/10 GIGABIT ETHERNET SWITCH

OV-3728SF

20 Gigabit Ethernet ports
4 x Gigabit SFP/TX Combo Ports
2 x slots for 10G modules (up to 4 XFP ports)
Manageable L3

Hardware:

Performance
- Ports:
  - 20 x SFP Ports
  - 4 x 10/100/1000M SFP/TX Combo Ports
  - 2 x slots for 10G modules (up to 4 XFP ports)
  - 1 Console Port
- Switch fabric: 240 Gbps
- L3 forwarding rate: 96 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 2 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 128 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 80 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3af
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

Product	Description
OV-3728S	Network management Router Switch, 20 ports 10/100/100MBase-TX + 4 ports 10/100/1000Base-TX/SFP Combo + 2 extended slots for 10G modules (up to 4 XFP ports), 1 console
OV-3728SF	Network management Router Switch, 20 SEP ports 10/100/100MBase-TX + 4 ports 10/100/1000Base-TX/SFP Combo + 2 extended slots for 10G modules (up to 4 XFP ports), 1 console
OV-3752S	Network management Router Switch, 44 ports 10/100/100MBase-TX + 4 ports 10/100/1000Base-TX/SFP Combo + 2 extended slots for 10G modules (up to 4 XFP ports)
OVM-110GF-3728	1 port 10G XFP module base board for 3728S/3728SF
OVM-210GF-3728	2 port 10G XFP module base board for 3728S/3728SF
OVM-110GF-3752	1 port 10G XFP module base board for 3752S
OVM-210GF-3752	2 port 10G XFP module base board for 3752S
MGM-1000TX	1-port 1000BaseT SFP module, RJ45
MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
XFP-SX	10 Gigabit XFP Multi-mode, 850nm, 300m, LC interface optical module
XFP-LX-10	10 Gigabit XFP Single-mode, 1310nm, 10km, LC interface optical module
XFP-LX-40	10 Gigabit XFP Single-mode, 1550nm, 40km, LC interface optical module

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT/10 GIGABIT ETHERNET SWITCH

OV-3752S

44 x Gigabit TX Ports
4 x Gigabit SFP/TX Combo Ports
2 x slots for 10G modules (up to 4 XFP ports)
Manageable L3

Hi-performance, Network Manageable Fast Ethernet Switch
OvisLink OV-3700 Series presents a standard L3 congestion-less switch series, which are capable of multi-layer switching and wire-speed route forwarding. Its high-performance ASIC and modular design enable you to employ a suitable number of interfaces and to configure various networks with great flexibility, all based on their individual requirements. It supports many access authentication models that can be flexibly configured, making it especially ideal for community access networks. Due to its high performance and low cost, OvisLink OV-3700 Series are considered a very competitive 10 Gigabit Ethernet switching solution for community networking and workgroup networking in enterprise networks

Application
OvisLink OV-3700 Series is an enterprise-class switch providing 10 Gigabit Ethernet port configurations. Any OvisLink OV-3700 Series is an ideal aggregation/core level switch for enterprise LAN environments, enabling the deployment of new applications such as IP telephony, video surveillance, building management systems, etc. Customers can deploy network intelligent services such as quality of service (QoS), rate limiting, access control lists (ACLs), NAC, multicast, and high-performance IP routing while keeping the simplicity of traditional LAN switching.

The OvisLink OV-3700 Series provides:
- Intelligent features at the network edge, such as sophisticated access control lists (ACLs) and enhanced security.
- Full Gigabit and 10 Gigabit Ethernet access. Option for full fiber connectivity.
- Combo Gigabit Ethernet ports flexibility, allowing use of either a copper or a fiber uplink. The combo port has one 10/100/1000 Ethernet port and one Small Form-Factor Pluggable (SFP)-based Gigabit Ethernet port, with one port active at a time (using expansion modules)
- Network control and bandwidth optimization using QoS, granular rate limiting, ACLs (L2-L4), and IGMP Snooping.
- Network security through a wide range of authentication methods, and Network Access Control based on users, ports, and MAC addresses.
- Extended manageability using CLI.
- Manageable through cluster technology allowing management using only one IP address.
- Dynamic unicast IP routing, including the most popular and standard protocols such as RIPv1/2, OSPF, BGP and a Cisco EIGRP compatible (BEIGRP)
- In addition to dynamic IP unicast routing, the OV-3700 Series is perfectly equipped for networks requiring multicast support providing Protocol Independent Multicast (PIM) and Internet Group Management Protocol (IGMP)
- IP services such as DHCP, Proxy ARP and NAT
- Reliability using Virtual Router Redundancy Protocol (VRRP)
- Automatic recognition for straight-through or cross-over cables.
- Lifetime warranty.
- Free software updates.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q tagged VLAN
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- Port isolation per VLAN
- Super VLAN
- Up to 4024 active VLAN

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree
- Ether-ring protection

- Scalability
- LACP and static Port trunking. Up to 32 groups with up to 8 ports per group
- LLDP (Link Layer Discovery Protocol)
- Clustering. Manageability through a single IP address. Up to 32 switches per cluster
- RPS support

- Control
- Traffic control using back pressure at half-duplex and 802.3x at full-duplex
- Port rate limit. 8M step size
- Storm control. Stop sending at threshold to prevent unicast/multicast/broadcast storms
- IGMP Snooping for multicast traffic control

- QoS
- HOL (Head Of Line) blocking prevention
- 802.1p tagging (8 priorities)
- 4 dispatching queues per port
- FCFS (First Come First Serve) policy
- Strict priority scheduling algorithm
- WRR (Weighted Round Robin) algorithm
- DSCP (Differentiated Services Code Point) tagging

- IP Routing
- Static routing
- Express forwarding
- RIP v1/2
- OSPF v2
- BGP v4
- IP-based routing policies
- VRRP

- Multicast
- IGMP v1/2/3
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)
- Proxy ARP
- Static and dynamic NAT/PAT

- Security
- 802.1x port-based authentication
- Remote authentication through RADIUS
- Port Security
- MAC, IP and VLAN ACL
- Port-MAC binding
- Web authentication
- DHCP Snooping
- IP Source Guard
- DoS Prevention

- Management
- SNMP v1/2
- RMON groups 1,2,3,9
- CLI (Telnet, console)
- SSH
- Web interface
- NTP (Network Time Protocol) to provide an accurate and consistent timestamp to all intranet switches.
- Port mirroring based on traffic flow (ingress/egress)
- Software and configuration upload/download via TFTP/FTP

ADVANCED MANAGEABLE L3 GIGABIT/10 GIGABIT ETHERNET SWITCH

OV-3752S

44 x Gigabit TX Ports
4 x Gigabit SFP/TX Combo Ports
2 x slots for 10G modules (up to 4 XFP ports)
Manageable L3

Hardware:

Performance
- Ports:
  - 44 x 10/100/1000M TX Ports
  - 4 x 10/100/1000M SFP/TX Combo Ports
  - 2 x slots for 10G modules (up to 4 XFP ports)
  - 1 Console Port
- Switch fabric: 280 Gbps
- L3 forwarding rate: 131 Mpps, all wire-speed and filtering
- Forward rate: All wire-speed forwarding and filtering
- Switching mode: Store and forward
- MAC address table size: 8 K
- Routing table size: 2 K
- Queuing buffer: 64 MB
- FLASH: 8 MB (up to 16 MB)
- SDRAM: 256 MB (up to 512 MB)

Physical
- Dimensions: (L – W - H) 442 - 316 - 44 mm
- Weight: 5,4 Kg
- Power consumption: 100 W
- Power input: AC 100~240 V, 47 ~ 63 Hz, 1A/230V
- LED indicators: Power, system, link, activity
- Temperature: Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
- Humidity: 0 ~ 90% (no condensing)
- Acoustic noise: 27dB
- Mean Time Between Failure (MTBF): 178189,1 hours

Standards
- Supported standards:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1s
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3af
  - IEEE 802.3ad
  - IEEE 802.3AB
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3ab 1000BASE-T specification
  - IEEE 802.3z 1000BASE-X specification
  - 100BASE-FX (SFP)
  - 100BASE-LX (SFP)
  - 1000BASE-SX (SFP)
  - 1000BASE-LX/LH (SFP)
  - 1000BASE-ZX (SFP)
  - RIP
  - OSPF
  - BGP
  - IGMP v1, IGMP v2, IGMP v3
  - NAT/PAT
  - DHCP
  - VRRP
  - RMON I and II standards
  - SNMPv1, SNMPv2

Ordering information

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OVM-110GF-3752	1 port 10G XFP module base board for 3752S
OVM-210GF-3752	2 port 10G XFP module base board for 3752S
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MGM-1000LC	1-port 1000BaseSX SFP module, multi-mode, LC interface, 500 m, wavelength: 850 nm
MGM-1010LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 10 km, wavelength: 1310 nm
MGM-1040LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 40 km, wavelength: 1310 nm
MGM-1080LC	1-port 1000BaseLX SFP module, single-mode, LC interface, 80 km, wavelength: 1550 nm
XFP-SX	10 Gigabit XFP Multi-mode, 850nm, 300m, LC interface optical module
XFP-LX-10	10 Gigabit XFP Single-mode, 1310nm, 10km, LC interface optical module
XFP-LX-40	10 Gigabit XFP Single-mode, 1550nm, 40km, LC interface optical module

The functions and corresponding parameters might lightly change depending of the software upgrade, modules, etc. The right of final interpretation belongs to OvisLink. For more information, please contact us.

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-5800 Series

3/6/10 slots modular switch chassis
1/2 MSU slots
2/4/8 Network module slots
Dual AC/DC power supply

Large Network Backbone Switch
Proudly presented by OvisLink, OvisLink OV5803/OV5806/OV5810 is a hi-performance and chassis-hardware L2/L3/L4 switch, aiming at large-sized networks aggregation and SMB's core network. OvisLink OV5800 series has an all-modular, high-density-port design and 2.4T switch fabric so that user's requirements can be satisfied by flexible configuration and expansible networks. The powerful switching and routing function makes OvisLink OV5803/5806/5810 an ideal choice for the core switch for large-sized networks, and with other OvisLink switches, OvisLink OV5803/5806/5810 supply the perfect peer-to-peer solutions for users.

Application
- Gigabit core of small- and medium-sized networks
- Aggregation level of large-sized networks
- High performance-network switching environment.

The OvisLink OV-5800 Series provides:
- Supply powerful high-density-port switching ability.
- Support 384-port 1000-M and 32-port 10000-M.
- 2.4T Gbps switch fabric, supply congestion-less switching for all ports.
- Powerful processing ability guarantees the reliable, stable and hi-speed IP network platform.
- Hardware supports multi-layer wire-speed switching, and is capable to identify and process application flow above L4. All ports have data package filtration function, and can differentiate, manage and control the application flow.
- Hardware chip supports IPv6 and benefits smoothly network upgrade in future.
- Support standard ACL, extended ACL, support based IP, source/destination IP, L3 IP protocol no., TCP/UDP port, IP priority, ToS, time ranger ACL and ACL based on time, making control policy flexible.
- DAP (DOS defense) makes network more safe and avoids attacking form virtues, like ICMP, SYN, UDP, etc.
- Support 802.1x based on user, and supply more effective port-control ability. The function of MAC address restriction can limit the number of access host.
- Support 802.1p, WRR, RED, DiffServ and priority-based scheduling algorithms serve users with discrimination according to their priority level. L2/L3/L4 flow classification. Powerful QoS is the base of NGN.
- Redundant backup, support STP/RSTP/VRRP. Double redundant power modules work in hot standby mode to ensure business will be not interrupted.
- Support port/MAC binding, MAC ACL.
- Support ARP.

Features:
- VLAN:
- Port-based VLAN
- 802.1Q
- GVRP (GARP VLAN Registration Protocol) to help management and deploy of VLANs
- PVLAN
- Super VLAN Stacking(QinQ)

- Spanning tree
- 802.1D Spanning tree
- 802.1w Rapid Spanning tree
- 802.1s Multiple Spanning Tree

- Control
- Flow Control: HOL blocking prevention, Half-duplex: Back Pressure, Full-duplex: IEEE 802.3x.
- Support Broadcast Control

- QoS
- Support 802.1p
- 8 dispatching queues per port
- ToS
- Application port control.
- SP
- WRR (Weighted Round Robin) algorithm
- SWRR
- DifferServ

- IP Routing
- RIP v1/2
- OSPF
- BGP

- Multicast
- IGMP
- PIM-SM/DM

- IP Services
- DHCP (Server, client, relay)

- Security
- 802.1x
- Remote authentication through RADIUS
- MSU redundancy
- Hot swapped
- VRRP

- Management
- SNMP v1/v2/v3
- RMON groups 1,2,3,9
- Console Interface (CLI, WEB)
- Console Port (RS-232)
- SSH
- Telnet
- Support SysLog
- Port mirroring
- Support MIB

Standards
- Supported standards and others:
  - IEEE 802.1D Spanning Tree Protocol
  - IEEE 802.1p CoS Prioritization
  - IEEE 802.1Q VLAN
  - IEEE 802.1w
  - IEEE 802.1x
  - IEEE 802.3ad
  - IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports
  - IEEE 802.3 10BASE-T specification
  - IEEE 802.3u 100BASE-TX specification
  - IEEE 802.3z 1000BASE-X specification
  - Support MPLS
  - Support IPv6

ADVANCED MANAGEABLE L3 GIGABIT ETHERNET SWITCH

OV-5800 Series

3/6/10 slots modular switch chassis
1/2 MSU slots
2/4/8 Network module slots
Dual AC/DC power supply

Hardware:

Performance

	OV-5803	OV-5806	OV-5810
Slot	1*MSU + 2*Access Modules	2*MSU + 4* Access Modules	2*MSU + 8* Access Modules
Backplane Capacity	768G	1.8T	2.4T
Switch Fabric	SuperEngige I 96Gbps	SuperEngige I 96Gbps	
	SuperEngige II 192Gbps	SuperEngige II 192Gbps	SuperEngige II 192Gbps
	SuperEngige III 384Gbps	SuperEngige III 384Gbps	SuperEngige III 384Gbps
Forwarding Rate	119Mpps	238 Mpps	476 Mpps
Max No. of 10000M ports	8	16	32
Max No. of 1000M ports	96	192	384
Max No. of 100M ports	96	192	384
Dimensions (L×W×H)	436×450×380 mm	436×450×680 mm	436×450×797 mm
Power Consumption	700W	1000W	1000W
CPU	RISC CPU (RISC 800MHz)		
Flash	16MB		
SDRAM	128MB (up to 1GB)		
MAC Address Table Size	512K		
VLAN Table Size	4 K		
Jumbo frame	16383		
Humidity	10% - 90% (no condensing)		
Temperature	0°C - 40°C		
Power Supply	AC: 200-240VAC, 50/60 Hz DC: -48V		
Power Redundancy	1+1 redundancy, support hot swapped		

Ordering information

Product	Description
OVISLINK OV5810	
OVM-5810-CHASSIS	OvisLink OV5810 Modular Switch chassis (10 slots, including 2 MSU slots and 8 network module slots, dual AC/DC power supply)
OVM58-PWR-AC-1000	220V AC power supply for S5810
OVM58-PWR-DC	-48V DC power supply
OVISLINK OV5806/ OV5803	
OVM5806-CHASSIS	OvisLink OV5806 Modular Switch chassis (6 slots, including 2 MSU slots and 4 network module slots, dual AC/DC power supply)
OVM5803-CHASSIS	OvisLink OV5803 Modular Switch chassis (3 slots, including 1 MSU slot and 2 network module slots, dual AC/DC power supply)
OVM58-PWR-AC-600	220V AC power supply for S5806/S5803
OVM58-PWR-DC	-48V DC power supply
OV5800 MODULES	
MSU	
OVM58-MSU-I	Main Switching Unit —SuperEngine I - 96G
OVM58-MSU-II	Main Switching Unit —SuperEngine II - 192G
OVM58-MSU-III	Main Switching Unit —SuperEngine III - 384G
OVM58-MSU-IV	Main Switching Unit —SuperEngine IV - 768G
BUSINESS MODULES	
OVM58-48FE-TX	48-port 10/100M TX Module
OVM58-24FESFP-2GE	24-port 100M SFP + 2-port 1000M SFP/TX Module
OVM58-12GE-TX/SFP	12-port 1000M SFP/TX Module
OVM58-24GE-SFP	20-port 1000M SFP + 4-port 1000M SFP/TX Module
OVM58-24GE-TX	20-port 10/100/1000M TX + 4-port 1000M SFP/ TX Module
OVM58-48GE-TX	48-port 10/100/1000M TX Module
OVM58-1TE-XFP	1-port 10 Gigabit XFP Module
OVM58-2TE-XFP	2-port 10 Gigabit XFP Module
OVM58-4TE-XFP	4-port 10 Gigabit XFP Module
OVM58-12GE-TX/ SFPE-MPLS	12-port 1000M SFP/TX Module, support MPLS VPN
OVM58-1TE-XFP-MPLS	1-port 10 Gigabit XFP Module, support MPLS VPN
OVM58-MFNP-12GE-TX/ SFP	12-port 1000M SFP/TX Multi-functional business Module
2G0V PCMCIA CARD	2G CF card and memory card adaptor
OPTICAL MODULES	
GSFP-TX	1000M SFP module 1000BaseT RJ45
GSFP-SX	1000M SFP module, Multi-mode, 680nm, 500m, LC interface
GSFP-LX-10	1000M SFP module, Single-mode, 1310nm, 10km, LC interface
GSFP-LX-40	1000M SFP module, Single-mode, 1310nm, 40km, LC interface
GSFP-ZX-80	1000M SFP module, Single-mode, 1550nm, 80km, LC interface
XFP-SX	10 Gigabit XFP Multi-mode, 850nm,300m, LC interface
XFP-LX-10	10 Gigabit XFP Single-mode, 1310nm,10km, LC interface
XFP-LX-40	10 Gigabit XFP Single-mode, 1550nm,40km, LC interface

OvisLink
The Total Networking Solution

Innovación*

Nuestro "Día a Día"

Fomentamos y apoyamos el espíritu innovador de cada una de las personas que forman parte de nuestro equipo, buscando constantemente nuevas ideas que puedan ofrecer alguna nueva ventaja a nuestros clientes.

OvisLink
The Total Networking Solution

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NUESTRO COMPROMISO

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SOPORTE

www.ovislinkcorp.es

www.ovislink-espana.com

OvisLink España
C/ Andrés Obispo, 37 – 3ª y 4ª Pt.
28043 Madrid
Tel.: +34 913005948
Fax: +34 913005949
comercial@ovislinkcorp.es