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HiOSO Technology Co., Ltd.

HiOSO FOWAY Series Switches

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FOWAY1309FC 100M/1000M Fiber Switch



Overview

HiOSO FOWAY1309FC is a nine ports 100M all optic fiber switch. It offers 8 100M SFP fiber ports access and 1 Gigabit Combo port (1000M SFP port or 10/100/1000M adaptive RJ45 Ethernet optional) uplink.

FOWAY1309FC supports SFP modules hot plug, and supports to work with fiber switches, fiber converters and other devices with fiber ports. It supports WEB management and SNMP management; applies to security system, electric system, traffic system requirements.

Character

- ℓ Support maximum 8 SFP fiber ports and 1 GE Combo port (SFP fiber port/RJ45 port interchange)
- ℓ Support SFP hot plug
- ℓ Support each port full rate, full-duplex non-blocking forwarding
- ℓ Support 8K MAC learning, 1Mbit storage and forward cache space, 4.6G back plane bandwidth
- ℓ Supports to substitute central fiber converter, simplify network structure, lower network establishing cost, reduce device fault
- ℓ All optic ports, strengthen the an-interference ability
- ℓ Metal casing design, better for heat dissipation

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Technical Specification

Parameter	Specification
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.1d Spanning Tree
Wavelength	850nm/1310nm/1550nm
Distance	100M SFP multi-mode: 2Km Single-mode: 20/40/60/80/100/120Km Single-fiber single-mode: 25/40/60/80/100/120Km 1000M SFP multi-mode: 220m (fiber 62.5/125μm) / 550m (fiber 50/125μm) Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km Cat5: 100m
Port	8 100M SFP fiber ports: 100Mbps 1 Gigabit Combo port: 1 Gbps, 1000M SFP & 10/100/1000M RJ45
MAC	8K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC12V/2A
Power consumption	10W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

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FOWAY1509FC 1000M Fiber Switch



Overview

HiOSO FOWAY1509FC is a nine ports Gigabit fiber switch, with 8 1000M SFP fiber ports and 1 1000M Combo port (100M / 1000M SFP port or 10/100/1000M RJ45 port optional) uplink.

FOWAY1509FC supports SFP modules hot plug, and supports to work with fiber switches, fiber converters and other devices with fiber ports. It supports WEB management and SNMP management; applies to security system, electric system, traffic system requirements.

Character

- ℓ Support 8 Gigabit SFP access and 1 Gigabit Combo port (100M or 1000M SFP optional, or 10/100/1000M RJ45 port)
- ℓ Support SFP hot plug
- ℓ Support full rate, full-duplex non-blocking forwarding at each port
- ℓ Support 8K MAC learning, 1Mbit storage and forward cache space, 18G back plane bandwidth
- ℓ Supports to substitute central fiber converter, simplify network structure, lower network establishing cost, reduce device fault
- ℓ All optic ports, strengthen the an-interference ability
- ℓ Metal casing design, better for heat dissipation

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Technical Specification

Parameter	Specification
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.1d Spanning Tree
Wavelength	SFP:850nm/1310nm/1490nm/1550nm
Distance	100M SFP Multi-mode: 2km (fiber size 62.5/125 μ m or 50/125 μ m) Single-mode: 20/40/60/80/100/120Km Single-fiber single-mode: 25/40/60/80/100/120Km 1000M SFP Multi-mode: 220m (fiber size 62.5/125 μ m) / 550m (fiber size 50/125 μ m) Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km CAT5: 100m
Port	8 Gigabit SFP fiber ports: 1000Mbps 1 Gigabit Combo port:: 1 Gbps, 100M/1000M SFP&10/100/1000M RJ45
MAC	8K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC12V/2A
Power consumption	10W
Working temperature	-10~60 $^{\circ}$ C
Storage temperature	-40~80 $^{\circ}$ C
Humidity	5%~90% non-condensing
Dimension	28mm (H) \times 193mm(W) \times 119mm (D)

Order information

No	Type	Managed	Ports
1	FOWAY1509FC	Not	8 1000Base-FX SFP ports + 1 Gigabit Combo uplink (SFP fiber port /RJ45 Ethernet port optional)
2	FOWAY1509FCM	Support	8 1000Base-FX SFP ports + 1Gigabit Combo uplink ((SFP fiber port /RJ45 Ethernet port optional)

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FOWAY3000-18FSC 100M/1000M Fiber Switch

Overview

HiOSO FOWAY3000-18FSC is a 18 ports 100M and1000M hybrid all optic fiber switch. It offers 16 100M SFP fiber ports access and 2 Gigabit Combo port (100/1000M SFP port or 10/100/1000M adaptive RJ45 Ethernet optional) uplink.

FOWAY3000-18FSC supports SFP modules hot plug, and supports to work with fiber switches, fiber converters and other devices with fiber ports. It supports WEB management and SNMP management; applies to security system, electric system, traffic system requirements.



Character

- ℓ Support maximum 16 SFP fiber ports and 2 GE Combo port (SFP fiber port/RJ45 port interchange)
- ℓ Support SFP hot plug
- ℓ Support each port full rate, full-duplex non-blocking forwarding
- ℓ Support 8K MAC learning, 2Mbit storage and forward cache space, 7.2G back plane bandwidth
- ℓ Supports to substitute central fiber converter, simplify network structure, lower network establishing cost, reduce device fault
- ℓ All optic ports, strengthen the an-interference ability
- ℓ Metal casing design, better for heat dissipation, supports 1U rack installation

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Technical Specification

Parameter	Specification
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T Ethernet, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.1d Spanning Tree, IEEE802.1w Rapid Spanning Tree, IEEE802.1s Multiple Spanning Tree, IEEE802.1q VLAN, IEEE802.1p QoS
Wavelength	SFP module: 850nm/1310nm/1550nm
Distance	100M SFP multi-mode: 2Km Single-mode: 20/40/60/80/100/120Km Single-fiber single-mode: 25/40/60/80/100/120Km 1000M SFP multi-mode: 220m (fiber 62.5/125μm) / 550m (fiber 50/125μm) Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km Cat5: 100m
Port	16 100M SFP fiber ports: 100Mbps 2 Gigabit Combo ports: 1 Gbps, 100/1000M SFP & 10/100/1000M RJ45
MAC	8K
Buffer memory space	2Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	AC100~240V 50/60HZ
Power consumption	20W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	44mm (H) × 277mm (W) × 190mm (D)

Order Information

Type	Management	Ports
FOWAY3000-18FSC	NO	16 100M SFP ports + 2 Gigabit Combo uplink ports
FOWAY3000-18FSCM	YES	16 100M SFP ports + 2 Gigabit Combo uplink ports

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FOWAY3000-26FSC 100M/1000M Fiber Switch

Overview

HiOSO FOWAY3000-26FSC is a 26 ports 100M and 1000M hybrid all optic fiber switch. It offers 24 100M SFP fiber ports access and 2 Gigabit Combo port (100/1000M SFP port or 10/100/1000M adaptive RJ45 Ethernet optional) uplink.

FOWAY3000-26FSC supports SFP modules hot plug, and supports to work with fiber switches, fiber converters and other devices with fiber ports. It supports WEB management and SNMP management; applies to security system, electric system, traffic system requirements. It supports dual power hot backup and DC12V/5A power supply.



Character

- ℓ Support maximum 24 SFP fiber ports and 2 GE Combo port (SFP fiber port/RJ45 port interchange)
- ℓ Support SFP hot plug
- ℓ Support each port full rate, full-duplex non-blocking forwarding
- ℓ Support 8K MAC learning, 3Mbit storage and forward cache space, 8.8G back plane bandwidth
- ℓ Supports to substitute central fiber converter, simplify network structure, lower network establishing cost, reduce device fault
- ℓ Replace Media Converter in machine room side, simple network structure, reduce network system total cost and reduce device faults
- ℓ All optic ports, strengthen the anti-interference ability
- ℓ 1U rack type, supports max 3 pieces power supply hot backup (2 piece inside power supply AC100V~240V input access and 1 piece DC12V output access)
- ℓ DC12V/5V input port supports car battery access to ensure network working when the public power supply system is black out

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Technical Specification

Parameter	Specification
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.1d Spanning Tree, IEEE802.1w Rapid Spanning Tree, IEEE802.1s Multiple Spanning Tree, IEEE802.1q VLAN, IEEE802.1p QoS
Wavelength	SFP module: 850nm/1310nm/1550nm
Distance	100M SFP multi-mode: 2Km Single-mode: 20/40/60/80/100/120Km Single-fiber single-mode: 25/40/60/80/100/120Km 1000M SFP multi-mode: 220m (fiber 62.5/125μm) / 550m (fiber 50/125μm) Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km Cat5: 100m
Port	24 100M SFP fiber ports: 100Mbps 2 Gigabit Combo ports: 1 Gbps, 100/1000M SFP & 10/100/1000M RJ45
MAC	8K
Buffer memory space	3Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	AC 100~240V 50/60HZ, DC 12V/5A
Power consumption	50W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	44mm (H) × 440mm (W) × 210mm (D)

Order Information

NO	Type	Management	Ports	Power Supply
1	FOWAY3000-26FSC	NO	24 100M SFP ports + 2 Gigabit Combo uplink ports	Inside single power supply
2	FOWAY3000-26FSC-BP	NO	24 100M SFP ports + 2 Gigabit Combo uplink ports	Inside dual power supply
3	FOWAY3000-26FSCM	YES	24 100M SFP ports + 2 Gigabit Combo uplink ports	Inside single power supply
4	FOWAY3000-26FSCM-BP	YES	24 100M SFP ports + 2 Gigabit Combo uplink ports	Inside dual power supply

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