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HiOSO FOWAY Series 100M + 100M Uplink PoE Switches

FOWAY2205P 4 100M POE + 1 100M TP Uplink



Overview

HiOSO FOWAY2205P is five ports PoE Ethernet Switch, with 4 10/100M RJ45 PoE ports and 1 10/100M RJ45 uplink port.

FOWAY2205P supports IEEE802.3af 15.4W or IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY2205P supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY2205P supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support maximum 4 100M RJ45 PoE ports and 1 100M RJ45 uplink port
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Support each 100M port full rate, full-duplex non-blocking forwarding
- ℓ Support 2K MAC learning, 1Mbit storage and forward cache space
- ℓ Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

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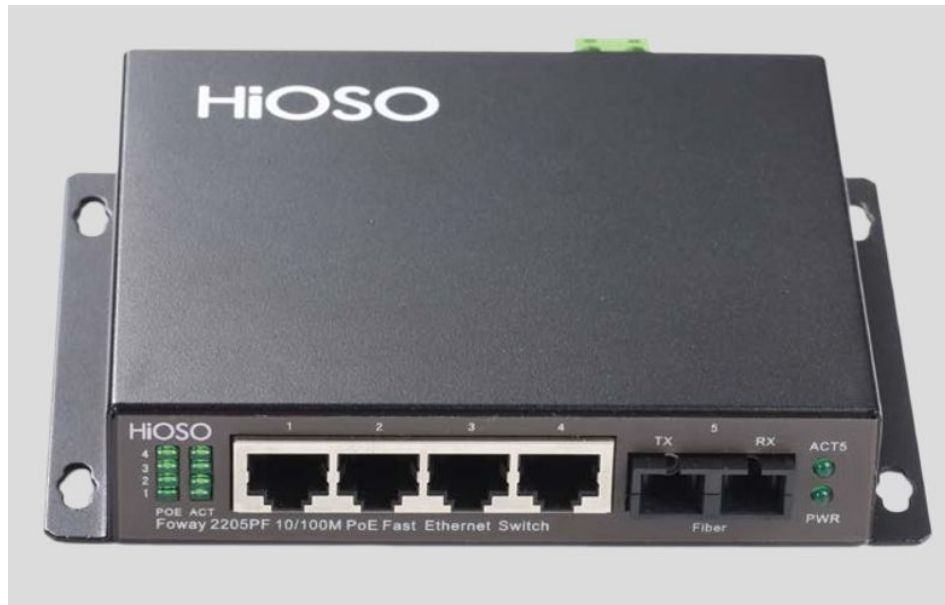
Technical Specification

Parameter	Specification
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast Ethernet, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	PoE ports: 4 Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Distance	100m
Port	4 100M PoE ports: 10/100Mbps 1 uplink port: RJ45 port 10/100M bps
MAC	2K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	4W, PoE power supplying maximum 120W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	26mm (H)×140mm(W)×106mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY2205P	No	4 100M PoE+1 100M RJ45 uplink	4 PoE ports IEEE802.3af 62W
2	FOWAY2205P-120W	No	4 100M PoE +1 100M RJ45 uplink	4 PoE ports IEEE802.3at 120W
3	FOWAY2205PM	Yes	4 100M PoE +1 100M RJ45 uplink	4 PoE ports IEEE802.3af 62W
4	FOWAY2205PM-120W	Yes	4 100M PoE +1 100M RJ45 uplink	4 PoE ports IEEE802.3at 120W

FOWAY2205PF 4 100M PoE + 1 100M FX Uplink



Overview

HiOSO FOWAY2205PF is a five ports PoE Ethernet Switch, with 4 10/100M RJ45 PoE ports and 1 100M SC fiber uplink port.

FOWAY2205PF supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY2205PF supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY2205PF supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support maximum 4 100M RJ45 PoE ports and 1 100M fiber uplink port
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Support each 100M port full rate, full-duplex non-blocking forwarding
- ℓ Support 2K MAC learning, 1Mbit storage and forward cache space
- ℓ Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

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Technical Specification

Parameter	Specification
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	PoE ports: 4 Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	850nm/1310nm/1490nm/1550nm
Distance	multi-mode: 2Km Single-mode: 20/40/60/80/100/120Km Single-fiber single-mode: 20/40/60/80/100/120Km
Port	4 100M PoE ports: 10/100Mbps 1 100M uplink port: fiber port-100Mbps
MAC	2K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	4W, PoE power supplying maximum 120W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	26mm (H)×140mm(W)×106mm (D)

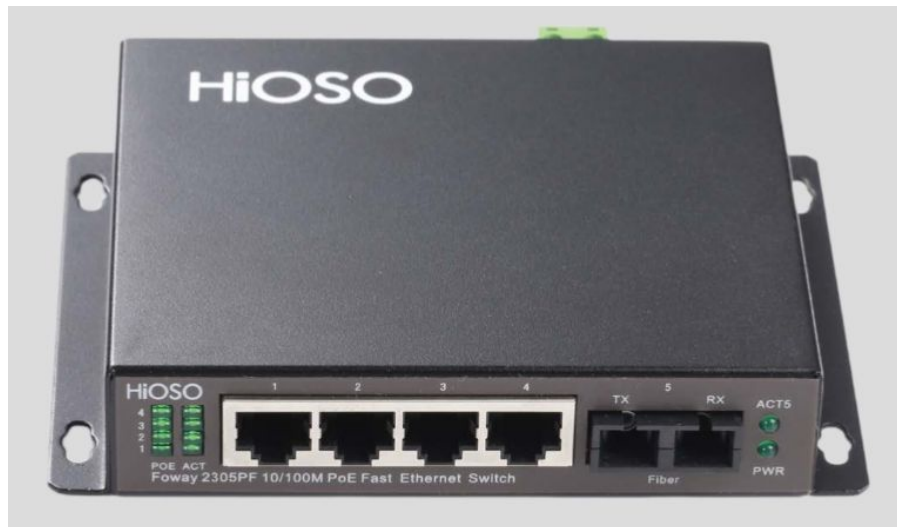
Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY2205PF	No	4 100M RJ45+1 100M fiber uplink	4 PoE ports IEEE802.3af 62W
2	FOWAY2205PF-120W	No	4 100M RJ45+1 100M fiber uplink	4 PoE ports IEEE802.3at 120W
3	FOWAY2205PFM	Yes	4 100M RJ45+1 100M fiber uplink	4 PoE ports IEEE802.3af 62W
4	FOWAY2205PFM-120W	Yes	4 100M RJ45+1 100M fiber uplink	4 PoE ports IEEE802.3at 120W

HiOSO FOWAY Series 100M + 1000M Uplink PoE Switches

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FOWAY2305PF 4 100M PoE + 1 1000M FX Uplink



Overview

HiOSO FOWAY2305PF is a five ports 100M/1000M PoE Ethernet Switch, with 4 10/100M RJ45 PoE ports and 1 1000M SC fiber uplink port.

FOWAY2305PF supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY2305PF supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY2305PF supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support maximum 4 100M RJ45 PoE ports and 1 1000M fiber uplink port
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Support each 100M port full rate, full-duplex non-blocking forwarding
- ℓ Support 1K MAC learning, 1Mbit storage and forward cache space
- ℓ Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

Technical Specification

Parameter	Specification
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Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	PoE ports: 4 Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	850nm/1310nm/1490nm/1550nm
Distance	multi-mode: 220m/550m Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km
Port	4 100M PoE ports: 10/100Mbps 1 1000M uplink port: fiber port-1000Mbps
MAC	1K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	7W, PoE power supplying maximum 120W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	26mm (H)×140mm(W)×106mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY2305PF-S20-SC	No	4 100M TP + 1 1000M FX, dual fiber	4 PoE ports IEEE802.3af 62W
2	FOWAY2305PF-SS20-SC-T1310	No	4 100M TP + 1 1000M FX single fiber	4 PoE ports IEEE802.3af 62W
3	FOWAY2305PF-120W-S20-SC	No	4 100M TP + 1 1000M FX, dual fiber	4 PoE ports IEEE802.3at 120W
4	FOWAY2305PF-120W-SS20-SC	No	4 100M TP + 1 1000M FX single fiber	4 PoE ports IEEE802.3at 120W
5	FOWAY2305PFM-S20-SC	Yes	4 100M TP + 1 1000M FX, dual fiber	4 PoE ports IEEE802.3af 62W
6	FOWAY2305PFM-SS20-SC-T1310	Yes	4 100M TP + 1 1000M FX single fiber	4 PoE ports IEEE802.3af 62W
7	FOWAY2305PFM-120W-S20-SC	Yes	4 100M TP + 1 1000M FX, dual fiber	4 PoE ports IEEE802.3at 120W
8	FOWAY2305PFM-120W-SS20-SC	Yes	4 100M TP + 1 1000M FX single fiber	4 PoE ports IEEE802.3at 120W

FOWAY1309PFC 8 100M POE + 1 100M/1000M SFP/TP

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Overview

HiOSO FOWAY1309PFC is a nine ports 100M PoE Ethernet Switch, with 8 RJ45 PoE ports and 1 1000M uplink Combo port (100M / 1000M SFP fiber port or 10/100/1000M adaptive RJ45 port optional).

FOWAY1309PFC supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY1309PFC supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY1309PFC supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support Maximum 8 100M PoE ports and 1 1000M Combo port (100M/1000M SFP port and 10/100/1000M RJ45 port optional)
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- 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 Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

Technical Specification

Parameter	Specification
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Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	Power supply ports: 4 ports or 8 ports Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/ cutting
Wavelength	SFP modules: 850nm/1310nm/1490nm/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 RJ45 ports (PoE optional): 10/100Mbps 1 1000M 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	DC48V
Power consumption	10W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY1309PFC	No	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3af 125W
2	FOWAY1309PFC-240W	No	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3at 240W
3	FOWAY1309PFPC	No	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3af 125W, AC220V
4	FOWAY1309PFPC-240W	No	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3at 240W, AC220V
5	FOWAY1309PFCM	YES	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3af 125W
6	FOWAY1309PFCM-240W	YES	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3at 240W
7	FOWAY1309PFPCM	YES	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3af 125W, AC220V
8	FOWAY1309PFPCM-240W	YES	8 100M TP + 1 100/1000M SFP/TP	8 PoE ports IEEE802.3at 240W, AC220V

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FOWAY1310PFS 8 100M POE + 2 1000M SFP Uplink**Overview**

HiOSO FOWAY1310PFS (non-managed type) is a ten ports 10M/100M PoE Ethernet Switch, with 8 10/100M RJ45 PoE ports and 2 1000M SFP (fiber cascaded) uplink ports.

FOWAY1310PFS supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY1310PFS supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY1310PFS supports web management and SNMP management; supports RSR (Rapid Super Ring) tech; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support Maximum 8 10/100M PoE ports and 2 1000M SFP ports
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support to establish Gigabit ring type network
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- 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 Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

Technical Specification

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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, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	Power supply ports: 4 ports or 8 ports Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	SFP modules: 850nm/1310nm/1490nm/1550nm
Distance	1000M SFP multi-mode: 220m (fiber 62.5/125μm)/ 550m (fiber 50/125μm) Single-mode:10/20/40/60/80/100/120K Single-fiber single-mode: 10/20/40/60/80/100/120Km Cat5:100m
Port	8 100M RJ45 ports (PoE optional): 10/100Mbps; 2 1000M uplink ports:, 1000M SFP
MAC	8K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	6W for the device, PoE power maximum 240W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY1310PFS	No	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3af 125W
2	FOWAY1310PFS -240W	No	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3at 240W
3	FOWAY1310PFSP	No	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3af 125W,AC220V
4	FOWAY1310PFSP-240W	No	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3at 240W,AC220V
5	FOWAY1310PFSM	YES	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3af 125W
6	FOWAY1310PFSM-240W	YES	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3at 240W
7	FOWAY1310PFSPM	YES	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3af 125W,AC220V
8	FOWAY1310PFSPM-240W	YES	8 100M TP + 2 1000M SFP	8 PoE ports IEEE802.3at 240W,AC220V

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FOWAY1310PFC 8 100M POE + 2 100M/1000M SFP/TP Combo Uplink**Overview**

HiOSO FOWAY1310PFC (managed type) is a 10 ports 100M/1000M PoE Ethernet Switch, with 8 10/100M RJ45 PoE ports and 2 100M/1000M SFP/TP uplink Combo port.

FOWAY1310PFC supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY1310PFC supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY1310PFC supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support Maximum 8 10/100M PoE ports and 2 100M/1000M Combo ports (support RSR)
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support to establish Gigabit ring type network
- ℓ Support Rapid Ring Protection Protocol (switching time <50ms), RSTS/STP, VOIP transmission
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- 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 Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and 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, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	Power supply ports: 4 ports or 8 ports Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	SFP modules: 850nm/1310nm/1490nm/1550nm
Distance	1000M SFP :multi-mode 2km; Single-mode: 10/20/40/60/80/100/120Km 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 RJ45 ports (PoE optional): 10/100Mbps 2 100M/1000M Combo ports: 1 Gbps, 1000M SFP OR TP
MAC	8K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	6W for the device, PoE power maximum 240W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY1310PFC	No	8 100M TP + 2 100M/1000M SFP/TP	8 PoE ports IEEE802.3af 125W
2	FOWAY1310PFC-240W	No	8 100M TP + 2 100M/1000M SFP/TP	8 PoE ports IEEE802.3at 240W
3	FOWAY1310PFCM	Yes	8 100M TP + 2 100M/1000M SFP/TP	8 PoE ports IEEE802.3af 125W

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4	FOWAY1310PFCM-240W	Yes	8 100M TP + 2 100M/1000M SFP/TP	8 PoE ports IEEE802.3at 240W
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FOWAY2318PFS 16 100M POE + 2 1000M SFP (fiber cascaded)

Overview

HiOSO FOWAY2318PFS (managed type) is a 18 ports 100M/1000M PoE Ethernet Switch, with 16 10/100M RJ45 PoE ports and 2 1000M SFP uplink ports (cascaded network or ring network optional).

FOWAY2318PFS supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY2318PFS supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY2318PFS supports web management and SNMP management; supports RSR (Rapid Super Ring) tech; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support Maximum 16 10/100M PoE ports and 2 1000M SFP (RSR optional)
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support to establish Gigabit ring type network
- ℓ Support Rapid Ring Protection Protocol (switching time <50ms), RSTS/STP, VOIP transmission
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- 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 Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

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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, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	Power supply ports: 16 ports Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	SFP modules: 850nm/1310nm/1490nm/1550nm
Distance	1000M SFP :multi-mode: 220m (fiber size:62.5/125μm) / 550m (fiber size: 50/125μm) Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 25/40/60/80/100/120Km Cat5:100m
Port	16 100M RJ45 ports (PoE optional): 10/100Mbps 2 1000M ports: 1 Gbps, 1000M SFP
MAC	16K
Buffer memory space	2Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	6W for the device, PoE power maximum 480W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

Technical Specification

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY2318PFS	No	16 100M TP + 2 1000M SFP	16 PoE ports IEEE802.3af 247W
2	FOWAY2318PFS-480W	No	16 100M TP + 2 1000M SFP	16 PoE ports IEEE802.3at 480W
3	FOWAY2318PFSM	Yes	16 100M TP + 2 1000M SFP	16 PoE ports IEEE802.3af 247W
4	FOWAY2318PFSM-480W	Yes	16 100M TP + 2 1000M SFP	16 PoE ports IEEE802.3at 480W

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HiOSO FOWAY Series 1000M + 1000M Uplink PoE Switches

FOWAY2505P 1000M PoE Switch



Overview

HiOSO FOWAY2505P is a Gigabit five ports PoE Ethernet Switch, with 4 10/1000M RJ45 PoE ports and 1 1000M RJ45 uplink port.

FOWAY2505P supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY2505P supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY2505P supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support maximum 4 1000M RJ45 PoE ports and 1 1000M RJ45 uplink port
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Support each 1000M port full rate, full-duplex non-blocking forwarding
- ℓ Support 1K MAC learning, 1Mbit storage and forward cache space

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- ℓ Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

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, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	PoE ports: 4 Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	850nm/1310nm/1490nm/1550nm
Distance	100m
Port	4 1000M RJ45 PoE ports: 10/100/1000Mbps 1 1000M uplink port: RJ45 port: 10/100/1000M bps
MAC	1K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	5W, PoE power supplying maximum 120W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	26mm (H)×140mm(W)×106mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY2505P-4AF	No	4 1000M RJ45 + 1 1000M RJ45 uplink	4 PoE ports IEEE802.3af 62W
2	FOWAY2505P-4AT	No	4 1000M RJ45 + 1 1000M RJ45 uplink	4 PoE ports IEEE802.3at 120W

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3	FOWAY2505PM-4AF	Yes	4 1000M RJ45 + 1 1000M RJ45 uplink	4 PoE ports IEEE802.3af 62W
4	FOWAY2505PM-4AT	Yes	4 1000M RJ45 + 1 1000M RJ45 uplink	4 PoE ports IEEE802.3at 120W

FOWAY2505PF 1000M PoE Switch



Overview

HiOSO FOWAY2505PF is a five ports PoE Ethernet Switch, with 4 1000M RJ45 PoE ports and 1 1000M fiber uplink port.

FOWAY2505PF supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY2505PF supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY2505PF supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support maximum 4 1000M RJ45 PoE ports and 1 1000M fiber uplink port
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Support each 1000M port full rate, full-duplex non-blocking forwarding
- ℓ Support 1K MAC learning, 1Mbit storage and forward cache space
- ℓ Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability

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- Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

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, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	PoE ports: 4 Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	850nm/1310nm/1490nm/1550nm
Distance	multi-mode: 220m (fiber size 62.5/125μm) / 550m (fiber size 50/125μm) Single-mode: 10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km
Port	4 1000M RJ45 PoE ports: 10/100/1000Mbps 1 1000M uplink port: fiber port: 1000Mbps
MAC	1K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	5W, PoE power supplying maximum 120W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	26mm (H)×140mm(W)×106mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
1	FOWAY2505PF-4AF	No	4 1000M RJ45 + 1 1000M fiber uplink	4 PoE ports IEEE802.3af 62W
2	FOWAY2505PF-4AT	No	4 1000M RJ45 + 1 1000M fiber uplink	4 PoE ports IEEE802.3at 120W

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3	FOWAY2505PFM-4AF	Yes	4 1000M RJ45 + 1 1000M fiber uplink	4 PoE ports IEEE802.3af 62W
4	FOWAY2505PFM-4AT	Yes	4 1000M RJ45 + 1 1000M fiber uplink	4 PoE ports IEEE802.3at 120W

FOWAY1509PFC 1000M PoE Switch



Overview

HiOSO FOWAY1509PFC is nine ports 1000M PoE Ethernet switch, with 8 10/100/1000M RJ45 PoE ports and 1 1000M Combo port (100M/1000M SFP fiber port or 10/100/1000M RJ45 port optional).

FOWAY1509PFC supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY1509PFC supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY1509PFC supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support maximum 8 10/100/1000M RJ45 PoE ports and 1 1000m Combo port (100M/1000M optional SFP fiber port or 10/100/1000M RJ45 port optional)
- ℓ Each PoE port supports to auto discovery the standard power receiving device
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Support 1000M port full rate, full-duplex non-blocking forwarding
- ℓ Support 8K MAC learning, 1Mbit storage and forward cache space, 18G back plane bandwidth
- ℓ Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability

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- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and installation

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, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	PoE ports: 4 ports or 8 ports Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	SFP Module: 850nm/1310nm/1490nm/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 1000M RJ45 ports (PoE optional): 10/100/1000Mbps 1 1000M Combo: 1 Gbps, 100M/1000M SFP&10/100/1000M RJ45
MAC	8K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	11W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

Order information

No	Product code	NMS	Ports	PoE ports
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1	FOWAY1509PFC-8AF	No	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 125W
2	FOWAY1509PFC-8AT	No	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 240W
3	FOWAY1509PFC-4AF	No	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 62W
4	FOWAY1509PFC-4AT	No	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 120W
5	FOWAY1509PFCM-8AF	Yes	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 125W
6	FOWAY1509PFCM-8AT	Yes	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 240W
7	FOWAY1509PFCM-4AF	Yes	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 62W
8	FOWAY1509PFCM-4AT	Yes	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 120W

FOWAY1510PFS 8 1000M PoE + 2 1000M SFP PoE Switch**Overview**

HiOSO FOWAY1510PFS is nine ports 1000M PoE Ethernet switch, with 8 10/100/1000M RJ45 PoE ports and 2 1000M SFP uplink ports .

FOWAY1510PFS supports IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards. It can auto discover the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FOWAY1510PFS supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. FOWAY1510PFS supports web management and SNMP management; supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

Character

- ℓ Support maximum 8 10/100/1000M RJ45 PoE ports and 2 1000M SFP uplink ports
- ℓ Each PoE port supports to auto discovery the standard power receiving device
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Support 1000M port full rate, full-duplex non-blocking forwarding
- ℓ Support 16K MAC learning, 2Mbits storage and forward cache space, 18G back plane bandwidth
- ℓ Each RJ45 port using anti-high voltage circuit, strengthen the lightning protection and anti-interference ability
- ℓ Support to choose one side with fixed metal casing, external power design, better for heat dissipating and 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, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.3af, IEEE802.3at, IEEE802.1d Spanning Tree
PoE	PoE ports: 4 ports or 8 ports Standard and power consumption: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discovery power receiving devices and auto power supply/power cutting
Wavelength	SFP Module: 850nm/1310nm/1490nm/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 1000M RJ45 ports (PoE optional): 10/100/1000Mbps 2 1000M SFP ports: 1000M SFP
MAC	16K
Buffer memory space	2Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC48V
Power consumption	11W
Working temperature	-10~60℃
Storage temperature	-40~80℃
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

Order information

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No	Product code	NMS	Ports	PoE ports
1	FOWAY1510PFS-8AF	No	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 125W
2	FOWAY1510PFS-8AT	No	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 240W
3	FOWAY1510PFS-4AF	No	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 62W
4	FOWAY1510PFS-4AT	No	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 120W
5	FOWAY1510PFCSM-8AF	Yes	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 125W
6	FOWAY1510PFCSM-8AT	Yes	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 240W
7	FOWAY1510PFCSM-4AF	Yes	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3af 62W
8	FOWAY1510PFCSM-4AT	Yes	8 1000M RJ45 + 2 1000M Combo (SFP/RJ45)	8 PoE IEEE802.3at 120W

HiOSO EPON System PoE ONU

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HA7204PH 4RJ45 PoE ONU



Overview

HA7204PH ONU is POE product, with four fixed 10/100Mbps auto-adapted POE ports. It supports IEEE802.3af 15.4W and IEEE802.3at 30W POE standards. It can auto discovery the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power. HA7204PH supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices.

It works with central device OLT to implement integrated management, long-distance fault location and decrease maintenance workload. It is metal casing design and suitable for FTTB/FTTH.

Character

- ℓ Apply to IEEE802.3/802.3ah
- ℓ Support auto discovery and auto register (real-time operation)
- ℓ Support DBA and multi types SLA
- ℓ Support IEEE802.1D RSTP
- ℓ Support IGMP Snooping V2 multi-broadcast function
- ℓ Support EMI and ESD identification
- ℓ Support VLAN
- ℓ Support user end auto time synchronization based at SNTP
- ℓ Support powerful OAM and remote management
- ℓ Support port speed limit, loop detection and port VLAN
- ℓ Support state detection and fault location
- ℓ Support power failure alarm
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards

Technical Parameter

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Parameter	Specification
Wavelength	1310 (TX) /1490 (RX)
Optical power	-1~+4dBm
Receiving sensitivity	-25dBm
Max transmission distance	20 km
Space of buffer storage	1.25MB
MTBF	100,000 hours
PON connector	SC/PC
EPON trait	Support IEEE802.3ah Support Dynamic Bandwidth Allocation (DBA) Support ONU auto-searching and automatic registration (real-time operation)
Standard and Protocol	Support IEEE802.3, IEEE802.3u IGMP Snooping V2 Support IEEE802.1q WLAN Support IEEE802.1p QOS
POE	Supplying power port: 4 ports Standard: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discover and power/dis-power receiving power device
Network management	Cooperating with center OLT, implement management configuration and software upgrade to ONU

Working Environment

Parameter	Specification
Power	DC48V (external)
Power consumption	4W, Max POE supplying power 120W
Operating temperature	-10~55℃
Storage temperature	-40~70℃
Humidity	5%~90% non-condensing
Dimension	26mm(H)×109mm(W)×152mm(D) (external)

Order information

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NO	Type	Port	POE port
1	HA7204PH-4AF	4 FE + 1 GE PON	4 FE IEEE802.3af 62W
2	HA7204PH-4AT	4 FE + 1 GE PON	4FE IEEE802.3at 120W

HA7208PH 8RJ45 PoE ONU



Profile

HA7208PH ONU is POE product, with eight fixed 10/100Mbps auto-adapted POE ports. It supports IEEE802.3af 15.4W and IEEE802.3at 30W POE standards. It can auto discovery the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power. HA7208PH supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices.

It works with central device OLT to implement integrated management, long-distance fault location and decrease maintenance workload. It is metal casing design and suitable for FTTB/FTTH.

Character

- ℓ Apply to IEEE802.3/802.3ah
- ℓ Support auto discovery and auto register (real-time operation)
- ℓ Support DBA and multi types SLA
- ℓ Support IEEE802.1D RSTP
- ℓ Support IGMP Snooping V2 multi-broadcast function
- ℓ Support EMI and ESD identification
- ℓ Support VLAN
- ℓ Support user end auto time synchronization based at SNTP
- ℓ Support powerful OAM and remote management
- ℓ Support port speed limit, loop detection and port VLAN
- ℓ Support state detection and fault location

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- ℓ Support power failure alarm
- ℓ Each PoE port supports to auto discovery the standard power receiving devices
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards

Technical Parameter

Parameter	Specification
Wavelength	1310 (TX) /1490 (RX)
Optical power	-1~+4dBm
Receiving sensitivity	-25dBm
Max transmission distance	20 km
Space of buffer storage	1.25MB
MTBF	100,000 hours
PON connector	SC/PC
EPON trait	Support IEEE802.3ah Support Dynamic Bandwidth Allocation (DBA) Support ONU auto-searching and automatic registration (real-time operation)
Standard and Protocol	Support IEEE802.3, IEEE802.3u IGMP Snooping V2 Support IEEE802.1q WLAN Support IEEE802.1p QOS
POE	Supplying power port: 8 ports Standard: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discover and power/dis-power receiving power device
Network management	Cooperating with center OLT, implement management configuration and software upgrade to ONU

Working Environment

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Parameter	Specification
Power	DC48V (external)
Power consumption	4.5W, Max POE supplying power 240W
Operating temperature	-10~55℃
Storage temperature	-40~70℃
Humidity	5%~90% non-condensing
Dimension	28mm(H)×193mm(W)×119mm(D) (external)

Order information

NO	Type	Port	POE port
1	HA7208PH-8AF	8 FE + 1 GE PON	8 FE IEEE802.3af 125W
2	HA7208PH-8AT	8 FE + 1 GE PON	8FE IEEE802.3af 240W
3	HA7208PH-4AF	8 FE + 1 GE PON	4FE IEEE802.3af 62W
4	HA7208PH-4AT	8 FE + 1 GE PON	4FE IEEE802.3at 120W

HiOSO PoE Fiber Media Converter

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FC520A-P POE HD Fiber Media Converter



Overview

FC520A-P is 100M POE HD Video Fiber Media Converter, which is specially designed for POE Network HD IP camera, POE wireless AP and other POE Network access control system. It supports IEEE802.3af 15.4W and IEEE802.3at 30W POE standards. It can auto discovery the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power. It supports long-distance stable HD Network video signals transmission through fiber cables.

Character

- ℓ PoE port supports to auto discovery the standard power receiving devices.
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Adopt special switch chipset design for HD Network video transmission;
- ℓ Support 3.2G bandwidth high-speed storing, forwarding and access;
- ℓ Support 100Base-FX fiber transmission standard, compatible with other Media Converters which supports 100Base-FX standard;
- ℓ Support full-duplex and half duplex transmission modes and capable of automatic negotiation;
- ℓ Support VLAN tag long packets transmission;
- ℓ Support flow control, QOS and STP
- ℓ Support max distance 120KM transmission;
- ℓ Used in remote side, supports to work with central side card type Media Converter FC520AC and Media Converter rack FTC-17 series, which supports dual power supply redundancy backup and hot swap;
- ℓ Support 1M built-in high-speed cache capacity and 2K built-in MAC address buffer space
- ℓ Support lightning protection for electrical ports, low consumption and low heat, support long-term stable work.

Technical Specifications

Parameter	Specifications
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Access mode	10/100Mbps
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-TX/FX Fast Ethernet, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.1d Spanning Tree
POE	POE port: 1 port Standard: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discover and power/dis-power receiving power device
Wavelength	850nm/1310nm/1550nm
Transmission distance	Dual-fiber multi-mode: 2Km; Dual-fiber single-mode: 25/40/60/80/100/120Km; Single-fiber single-mode: 25/40/60/80/100Km Category-5 twisted pair: 100m
Port	1 RJ45 port, connected to STP/UTP category-5 twisted pair 1 fiber port: Multi-mode - SC (fiber size: 50,62.5/125μm) Single mode - SC fiber port (fiber size: 9/125μm) Single-fiber single-mode - SC fiber port (fiber size: 9/125μm)
Conversion mode	Medium conversion, storing and forwarding mode
MAC address table	2K
Buffer space	1Mbit
Flow control	Full duplex state: flow control; half duplex state: back pressure mode
Delay	9.6us
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED	POWER (power), FX LINK/ACT (fiber connection/action) FX SD (fiber receiving signal detection), TP LINK/ACT (twisted pairs connection/action) POE (POE running)
Power	DC48V (external)
Power consumption	2.5W, Max POE power supplying 30W
Operating temperature	-10~55℃
Operating humidity	5%~90%
Storage temperature	-40~70℃
Storage humidity	5%~90% (non-condensing)
Dimension	26mm(H) * 96mm(W) * 113mm(D)

Order Information

Model	Rate (Mbps)	POE power supply	Mode	Working Wavelength (nm)	Transmission Distance (Km)	Power
FC520A-PF-M-SC	10/100	15.4W	Dual-fiber	1310	2	DC48V
FC520A-PF-S20-SC	10/100	15.4W	Dual-fiber single-mode	1310	25	DC48V
FC520A-PF-S40-SC	10/100	15.4W	Dual-fiber single-mode	1310	40	DC48V
FC520A-PF-S60-SC	10/100	15.4W	Dual-fiber single-mode	1310	60	DC48V
FC520A-PT-S80-SC	10/100	30W	Dual-fiber single-mode	1550	80	DC48V
FC520A-PT-S120-SC	10/100	30W	Dual-fiber single-mode	1550	120	DC48V
FC520A-PF-SS20-SC	10/100	15.4W	Single-fiber single-mode	1310/1550	25	DC48V
FC520A-PF-SS40-SC	10/100	15.4W	Single-fiber single-mode	1310/1550	40	DC48V
FC520A-PF-SS60-SC	10/100	15.4W	Single-fiber single-mode	1310/1550	60	DC48V
FC520A-PT-SS80-SC	10/100	30W	Single-fiber single-mode	1310/1550	80	DC48V
FC520A-PT-SS120-SC	10/100	30W	Single-fiber single-mode	1490/1550	120	DC48V

FC520AG-P POE HD Fiber Media Converter

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Overview

FC520AG-P is 1000M POE HD Video Fiber Media Converter, which is specially designed for POE Network HD IP camera, POE wireless AP and other POE Network access control system. It supports IEEE802.3af 15.4W and IEEE802.3at 30W POE standards. It can auto discovery the power receiving devices which support IEEE802.3af/at standard and supply power to it.

To the connected devices which not support PoE, it will auto stop supplying power. It supports long-distance stable HD Network video signals transmission through fiber cables.

Character

- ℓ PoE port supports to auto discovery the standard power receiving devices.
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Adopt special switch chipset design for HD Network video transmission;
- ℓ Support 3.2G bandwidth high-speed storing, forwarding and access;
- ℓ Support 1000Base-FX fiber transmission standard, compatible with other Media Converters which supports 1000Base-FX standard;
- ℓ Support full-duplex and half duplex transmission modes and capable of automatic negotiation;
- ℓ Support VLAN tag long packets transmission;
- ℓ Support flow control, QOS and STP
- ℓ Support max distance 120KM transmission;
- ℓ Used in remote side, supports to work with central side card type Media Converter FC520AGC and Media Converter rack FTC-17 series, which supports dual power supply redundancy backup and hot swap;
- ℓ Support 1M built-in high-speed cache capacity and 2K built-in MAC address buffer space
- ℓ Support lightning protection for electrical ports, low consumption and low heat, support long-term stable work.

Technical Specifications

Parameter	Specifications
Access mode	10/100/1000Mbps

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Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-TX/FX Fast Ethernet, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.1d Spanning Tree
POE	POE port: 1 port Standard: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discover and power/dis-power receiving power device
Wavelength	850nm/1310nm/1550nm
Transmission distance	Dual-fiber multi-mode: 220m/550m Dual-fiber single-mode: 10//20/40/60/80/100/120Km; Single-fiber single-mode: 10/20/40/60/80/100Km Category-5 twisted pair: 100m
Port	1 RJ45 port, connected to STP/UTP category-5 twisted pair 1 fiber port: Multi-mode - SC (fiber size: 50,62.5/125μm) Single mode - SC fiber port (fiber size: 9/125μm) Single-fiber single-mode - SC fiber port (fiber size: 9/125μm)
Conversion mode	Medium conversion, storing and forwarding mode
MAC address table	1K
Buffer space	1Mbit
Flow control	Full duplex state: flow control; half duplex state: back pressure mode
Delay	<10us
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED	PWR (power), FX LINK/ACT (fiber connection/action) FX SD (fiber receiving signal detection), TP LINK/ACT (twisted pairs connection/action) POE (POE running)
Power	DC48V (external), POE power supply 15.4W/30W
Power consumption	3W, Max POE power supplying 30W
Operating temperature	-10~55℃
Operating humidity	5%~90%
Storage temperature	-40~70℃
Storage humidity	5%~90% (non-condensing)
Dimension	26mm(H) * 96mm(W) * 113mm(D)

Order Information

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Model	Rate (Mbps)	POE power	Mode	Working Wavelength	Trans Distance	Power
FC520AG-PF-M-SC	10/100/1000	15.4W	Dual-fiber multi-mode	1310nm	220/550m	DC48V
FC520AG-PF-S20-SC	10/100/1000	15.4W	Dual-fiber single-mode	1310nm	20 km	DC48V
FC520AG-PF-S40-SC	10/100/1000	15.4W	Dual-fiber single-mode	1310nm	40 km	DC48V
FC520AG-PF-S60-SC	10/100/1000	15.4W	Dual-fiber single-mode	1310nm	60 km	DC48V
FC520AG-PT-S80-SC	10/100/1000	30W	Dual-fiber single-mode	1550nm	80 km	DC48V
FC520AG-PT-S120-SC	10/100/1000	30W	Dual-fiber single-mode	1550nm	120 km	DC48V
FC520AG-PF-SS20-SC	10/100/1000	15.4W	Single-fiber single-mode	1310/1550nm	25 km	DC48V
FC520AG-PF-SS40-SC	10/100/1000	15.4W	Single-fiber single-mode	1310/1550nm	40 km	DC48V
FC520AG-PF-SS60-SC	10/100/1000	15.4W	Single-fiber single-mode	1310/1550nm	60 km	DC48V
FC520AG-PT-SS80-SC	10/100/1000	30W	Single-fiber single-mode	1310/1550nm	80 km	DC48V
FC520AG-PT-SS120-SC	10/100/1000	30W	Single-fiber single-mode	1490/1550nm	120 km	DC48V

FC524A-P POE HD Fiber Media Converter



Overview

FC524A-P is 4ports 100M POE HD Video Fiber Media Converter, which is specially designed for POE Network HD IP camera, POE wireless AP and other POE Network access control system. It supports IEEE802.3af 15.4W and IEEE802.3at 30W POE standards. It can auto discovery the power receiving devices which support IEEE802.3af/at standard and supply power to it.

To the connected devices which not support PoE, it will auto stop supplying power. It supports long-distance stable HD Network video signals transmission through fiber cables.

Character

- ℓ PoE port supports to auto discovery the standard power receiving devices.
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Adopt special switch chipset design for HD Network video transmission;
- ℓ Support 3.2G bandwidth high-speed storing, forwarding and access;
- ℓ Support 100Base-FX fiber transmission standard, compatible with other Media Converters which supports 100Base-FX standard;
- ℓ Support full-duplex and half duplex transmission modes and capable of automatic negotiation;
- ℓ Support VLAN tag long packets transmission;
- ℓ Support flow control, QOS and STP
- ℓ Support max distance 120KM transmission;
- ℓ Used in remote side, supports to work with central side card type Media Converter FC520AC and Media Converter rack FTC-17 series, which supports dual power supply redundancy backup and hot swap;
- ℓ Support 1M built-in high-speed cache capacity and 2K built-in MAC address buffer space
- ℓ Support lightning protection for electrical ports, low consumption and low heat, support long-term stable work.

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Technical Specifications

Parameter	Specifications
Access mode	10/100Mbps
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-TX/FX Fast Ethernet, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.1d Spanning Tree
POE	POE port: 4 ports Standard: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discover and power/dis-power receiving power device
Wavelength	850nm/1310nm/1550nm
Transmission distance	Dual-fiber multi-mode: 2Km; Dual-fiber single-mode: 25/40/60/80/100/120Km; Single-fiber single-mode: 25/40/60/80/100Km Category-5 twisted pair: 100m
Port	4 RJ45 port, connected to STP/UTP category-5 twisted pair 1 fiber port: Multi-mode - SC (fiber size: 50,62.5/125μm) Single mode - SC fiber port (fiber size: 9/125μm) Single-fiber single-mode - SC fiber port (fiber size: 9/125μm)
Conversion mode	Medium conversion, storing and forwarding mode
MAC address table	2K
Buffer space	1Mbit
Flow control	Full duplex state: flow control; half duplex state: back pressure mode
Delay	9.6us
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED	POWER (power), FX LINK/ACT (fiber connection/action) FX SD (fiber receiving signal detection), TP LINK/ACT (twisted pairs connection/action) POE (POE running)
Power	DC48V (external)
Power consumption	2.5W, Max POE power supplying 30W
Operating temperature	-10~55℃
Operating humidity	5%~90%
Storage temperature	-40~70℃
Storage humidity	5%~90% (non-condensing)
Dimension	26mm(H) * 96mm(W) * 113mm(D)

Order Information

Model	Rate (Mbps)	POE power supply	Mode	Working Wavelength (nm)	Transmission Distance (Km)	Power
FC524A-PF-M-SC	10/100	15.4W	Dual-fiber	1310	2	DC48V
FC524A-PF-S20-SC	10/100	15.4W	Dual-fiber single-mode	1310	25	DC48V
FC524A-PF-S40-SC	10/100	15.4W	Dual-fiber single-mode	1310	40	DC48V
FC524A-PF-S60-SC	10/100	15.4W	Dual-fiber single-mode	1310	60	DC48V
FC524A-PT-S80-SC	10/100	30W	Dual-fiber single-mode	1550	80	DC48V
FC524A-PT-S120-SC	10/100	30W	Dual-fiber single-mode	1550	120	DC48V
FC524A-PF-SS20-SC	10/100	15.4W	Single-fiber single-mode	1310/1550	25	DC48V
FC524A-PF-SS40-SC	10/100	15.4W	Single-fiber single-mode	1310/1550	40	DC48V
FC524A-PF-SS60-SC	10/100	15.4W	Single-fiber single-mode	1310/1550	60	DC48V
FC524A-PT-SS80-SC	10/100	30W	Single-fiber single-mode	1310/1550	80	DC48V
FC524A-PT-SS120-SC	10/100	30W	Single-fiber single-mode	1490/1550	120	DC48V

FC524AG-P POE HD Fiber Media Converter

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Overview

FC524AG-P is 4POE 1000M HD Video Fiber Media Converter, which is specially designed for POE Network HD IP camera, POE wireless AP and other POE Network access control system. It supports IEEE802.3af 15.4W and IEEE802.3at 30W POE standards. It can auto discovery the power receiving devices which support IEEE802.3af/at standard and supply power to it.

To the connected devices which not support PoE, it will auto stop supplying power. It supports long-distance stable HD Network video signals transmission through fiber cables.

Character

- ℓ PoE port supports to auto discovery the standard power receiving devices.
- ℓ Support IEEE802.3af 15.4W and IEEE802.3at 30W PoE standards
- ℓ Adopt special switch chipset design for HD Network video transmission;
- ℓ Support 3.2G bandwidth high-speed storing, forwarding and access;
- ℓ Support 1000Base-FX fiber transmission standard, compatible with other Media Converters which supports 1000Base-FX standard;
- ℓ Support full-duplex and half duplex transmission modes and capable of automatic negotiation;
- ℓ Support VLAN tag long packets transmission;
- ℓ Support flow control, QOS and STP
- ℓ Support max distance 120KM transmission;
- ℓ Used in remote side, supports to work with central side card type Media Converter FC520AGC and Media Converter rack FTC-17 series, which supports dual power supply redundancy backup and hot swap;
- ℓ Support 1M built-in high-speed cache capacity and 2K built-in MAC address buffer space
- ℓ Support lightning protection for electrical ports, low consumption and low heat, support long-term stable work.

Technical Specifications

Parameter	Specifications
Access mode	10/100/1000Mbps

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Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-TX/FX Fast Ethernet, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.1d Spanning Tree
POE	POE port: 4 ports Standard: IEEE802.3af 15.4W, IEEE802.3at 30W Working mode: auto discover and power/dis-power receiving power device
Wavelength	850nm/1310nm/1550nm
Transmission distance	Dual-fiber multi-mode: 220m/550m Dual-fiber single-mode: 10//20/40/60/80/100/120Km; Single-fiber single-mode: 10/20/40/60/80/100Km Category-5 twisted pair: 100m
Port	4 RJ45 port, connected to STP/UTP category-5 twisted pair 1 fiber port: Multi-mode - SC (fiber size: 50,62.5/125μm) Single mode - SC fiber port (fiber size: 9/125μm) Single-fiber single-mode - SC fiber port (fiber size: 9/125μm)
Conversion mode	Medium conversion, storing and forwarding mode
MAC address table	1K
Buffer space	1Mbit
Flow control	Full duplex state: flow control; half duplex state: back pressure mode
Delay	<10us
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED	PWR (power), FX LINK/ACT (fiber connection/action) FX SD (fiber receiving signal detection), TP LINK/ACT (twisted pairs connection/action) POE (POE running)
Power	DC48V (external), POE power supply 15.4W/30W
Power consumption	3W, Max POE power supplying 30W
Operating temperature	-10~55℃
Operating humidity	5%~90%
Storage temperature	-40~70℃
Storage humidity	5%~90% (non-condensing)
Dimension	26mm(H) * 96mm(W) * 113mm(D)

Order Information

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Model	Rate (Mbps)	POE power	Mode	Working Wavelength	Trans Distance	Power
FC524AG-PF-M-SC	10/100/1000	15.4W	Dual-fiber multi-mode	1310nm	220/550m	DC48V
FC524AG-PF-S20-SC	10/100/1000	15.4W	Dual-fiber single-mode	1310nm	20 km	DC48V
FC524AG-PF-S40-SC	10/100/1000	15.4W	Dual-fiber single-mode	1310nm	40 km	DC48V
FC524AG-PF-S60-SC	10/100/1000	15.4W	Dual-fiber single-mode	1310nm	60 km	DC48V
FC524AG-PT-S80-SC	10/100/1000	30W	Dual-fiber single-mode	1550nm	80 km	DC48V
FC524AG-PT-S120-SC	10/100/1000	30W	Dual-fiber single-mode	1550nm	120 km	DC48V
FC524AG-PF-SS20-SC	10/100/1000	15.4W	Single-fiber single-mode	1310/1550nm	25 km	DC48V
FC524AG-PF-SS40-SC	10/100/1000	15.4W	Single-fiber single-mode	1310/1550nm	40 km	DC48V
FC524AG-PF-SS60-SC	10/100/1000	15.4W	Single-fiber single-mode	1310/1550nm	60 km	DC48V
FC524AG-PT-SS80-SC	10/100/1000	30W	Single-fiber single-mode	1310/1550nm	80 km	DC48V
FC524AG-PT-SS120-SC	10/100/1000	30W	Single-fiber single-mode	1490/1550nm	120 km	DC48V