



# HiOSO Common Ethernet Switches

FOWAY1309TFC 100M/1000M 9 Ports Ethernet Switch.....	2
FOWAY1310RS 100/1000M 10 Ports Ring Type Ethernet Switch.....	4
FOWAY1310TFS 100/1000M 10 Ports Node Type Ethernet Switch.....	6
FOWAY1509TFC 1000M 9 Ports Ethernet Switch.....	8
FOWAY5100-26TFS 1000M 24 Ports Ethernet Switch.....	10

## FOWAY1309TFC 100M/1000M 9 Ports Ethernet Switch



### Overview

HiOSO FOWAY1309TFC series include managed and unmanaged : with eight 100/1000M adaptive Ethernet ports ,1-8 ports is the normal 100M RJ45 ports ,the ninth port is 1 1000M Combo port (100M/1000M SFP fiber port or 10/100/1000M RJ45 port optional).

FOWAY1309TFC 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 RJ45 ports and 1 1000M Combo port (100M/1000M optional SFP fiber port or 10/100/1000M RJ45 port optional)
- ℓ Support 100/1000M port full rate, full-duplex non-blocking forwarding
- ℓ Support SFP hot plug
- ℓ Support 8K MAC learning, 1Mbit storage and forward cache space,4.6G back plane bandwidth  
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, IEEE802.1d Spanning Tree
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 100M RJ45 ports : 10/100Mbps 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	DC12V/2A
Power consumption	6W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

**Order information**

No	Product code	NMS	Ports	Power
1	FOWAY1309TFC	No	8 100M RJ45 + 1 1000M Combo (SFP/RJ45)	DC12V
2	FOWAY1309TFCM	YES	8 100M RJ45 + 1 1000M Combo (SFP/RJ45)	DC12V

## FOWAY1310RS 100/1000M 10 Ports Ring Type Ethernet Switch



### Overview

HiOSO FOWAY1310RS series (managed type) is ten ports 100M/1000M Ethernet Switch ,it can provide eight 100M (10/100M adaptive) RJ45 ports and 2 Gigabit SFP port uplink, support web management and SNMP management ,support RSR( Rapid Super Ring) technology ,support SFP hot plug ; Fiber port supports dual-fiber multi-mode, dual-fiber single-mode and single-fiber single-mode supports to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

### Character:

- ℓ Support maximum 8 100M (10/100M adaptive) RJ45 ports and 2 1000M SFP port uplink
- ℓ It can build 1000M fiber Rapid Super Ring technology
- ℓ web management and SNMP management inside ,support RSR( Rapid Super Ring) technology
- ℓ Support 100/1000M 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 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, IEEE802.1d Spanning Tree
Wavelength	SFP Module: 850nm/1310nm/1490nm/1550nm
Distance	1000M SFP multi-mode:220m (fiber 62.5/125μm) / 550m(fiber 50/125μm) Single-mode:10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km Cat5:100m
Port	8 100M RJ45 ports : 10/100Mbps 2 1000M Combo: 1 Gbps, 1000M SFP
MAC	8K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC12V/1A
Power consumption	6W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

**Order information**

No	Product code	NMS	Ports	Power
1	FOWAY1310RS	YES	8 100M RJ45 + 2 1000M Combo (SFP/RJ45) uplink	DC12V

**FOWAY1310TFS 100/1000M 10 Ports Node Type Ethernet Switch****Overview**

HiOSO FOWAY1310TFS series (unmanaged type) is ten ports 100M/1000M Ethernet Switch ,it can provide eight 100M (10/100M adaptive) RJ45 ports and 2 Gigabit SFP port uplink , support SFP hot plug ; Fiber port supports dual-fiber multi-mode, dual-fiber single-mode and single-fiber single-mode ;Support to transmit HD video flow; applies to Security system, electronic power system and traffic system requirements.

**Character:**

- ℓ Support maximum 8 100M (10/100M adaptive) RJ45 ports and 2 1000M SFP port uplink
- ℓ It can build 1000M fiber internet
- ℓ support SFP hot plug
- ℓ Support 100/1000M 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 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, IEEE802.1d Spanning Tree
Wavelength	SFP Module: 850nm/1310nm/1490nm/1550nm
Distance	1000M SFP multi-mode:220m (fiber 62.5/125μm) / 550m(fiber 50/125μm) Single-mode:10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km Cat5:100m
Port	8 100M RJ45 ports : 10/100Mbps 2 1000M Combo: 1 Gbps, 1000M SFP
MAC	8K
Buffer memory space	1Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	DC12V/1A
Power consumption	6W
Working temperature	-10~60°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

**Order information**

No	Product code	NMS	Ports	Power
1	FOWAY1310TFS	NO	8 100M RJ45 + 2 1000M SFP uplink	DC12V

**FOWAY1509TFC 1000M 9 Ports Ethernet Switch****Overview**

HiOSO FOWAY1509TFC is nine ports normal Ethernet switch, with 8 10/100/1000M RJ45 ports and 1 1000M Combo port (100M/1000M SFP fiber port or 10/100/1000M RJ45 port optional).

FOWAY1509TFC supports to work with IP camera, IP phone, wireless AP and other network devices. It supports web 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 ports and 1 1000M Combo port (100M/1000M optional SFP fiber port or 10/100/1000M RJ45 port optional)
- 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
- 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, IEEE802.1d Spanning Tree
Ports	Downlink ports: 8 ports Combo: 1 SFP , 1 10/100/1000M RJ45
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 : 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°C
Storage temperature	-40~80°C
Humidity	5%~90% non-condensing
Dimension	28mm (H)×193mm(W)×119mm (D)

**Order information**

No	Product code	NMS	Ports	Power
1	FOWAY1509TFC	No	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	DC12V
2	FOWAY1509TFM	YES	8 1000M RJ45 + 1 1000M Combo (SFP/RJ45)	DC12V

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## FOWAY5100-26TFS 1000M 24 Ports Ethernet Switch



### Overview

HiOSO FOWAY5100-26TFS series is a cost-effective 26 ports fiber Ethernet switch. Include 2 types managed FOWAY5100-26TFSM and unmanaged FOWAY5100-26TFS :it can provide 24 10/100/1000M adaptive RJ45 ports and 2 Gigabit SFP port uplink , the ports support full rate, full-duplex non-blocking forwarding , support 1000M SFP hot plug ,it can connect with fiber switch ,fiber media converter and all kinds fiber interface terminal devices . it can choose support web management and SNMP management. Small table with built-in power structure, is good for the floor installation; at the same time with stents can use as 1 u rack installation. Applied to the enterprise network, optical broadband access network and security high-definition video Frequency monitoring network.

### Character:

- ℓ Support maximum 24 10/100/1000M adaptive RJ45 ports and 2 1000M SFP fiber port uplink
- ℓ Support SFP hot plug
- ℓ Support 100/1000M port full rate, full-duplex non-blocking forwarding
- ℓ Support 8K MAC learning, 4 Mbit storage and forward cache space, 10 kbytes giant frame
- ℓ Small table with built-in power structure , applied to floor and rack installation
- 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, IEEE802.1d Spanning Tree
Wavelength	SFP Module: 850nm/1310nm/1490nm/1550nm
Distance	1000M SFP multi-mode:220m (fiber 62.5/125μm) / 550m(fiber 50/125μm) Single-mode:10/20/40/60/80/100/120Km Single-fiber single-mode: 10/20/40/60/80/100/120Km Cat5:100m
Port	24 100M RJ45 ports : 10/100/1000Mbps 2 SFP ports : 1 Gbps, 1000M SFP
MAC	8K
Buffer memory space	4 Mbit
Bit error rate	<1/1000000000
MTBF	100000 hours
Power	AC110~220V@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**

No	Product code	NMS	Ports
1	Foway5100-26TFS	No	24 1000M RJ45 + 2 1000M SFP
2	Foway5100-26TFSM	YES	24 1000M RJ45 + 2 1000M SFP