

Fiber Ethernet Media Converter



Fiber Optical Networking Device Professional Manufacturer and More ...



▶▶ 10/100M Fast Ethernet Media Converter

Features

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3x auto-negotiation
- Auto-negotiation of 10M/100M and full duplex / half duplex on RJ-45 port
- Auto MDI/MDI-X supporting
- Proper LED for easier monitoring of device working status
- Extends transmission distance from 2Km to 120Km
- MM or SM fiber interface according to users' requirements
- Duplex or Simplex fiber interface according to users' requirements
- DIP switch to set configurations, support LFP and Jumbo frames up to 9000 bytes
- Optional 19 inch Rack-mounted chassis HD-14-2A holds up to 14 pcs standalone type media converters or HD-16-2A holds up to 16 pcs card type media converters
- CE & FCC Class A approved



Ordering Information

Dual fiber

Model No.	Description
HD-120M-2	10/100Base-Tx to 100Base-Fx, Multi Mode, 2Km, SC/ST/FC Optional
HD-120S-20	10/100Base-Tx to 100Base-Fx, Single Mode, 20Km, SC/ST/FC Optional
HD-120S-40	10/100Base-Tx to 100Base-Fx, Single Mode, 40Km, SC/ST/FC Optional
HD-120S-60	10/100Base-Tx to 100Base-Fx, Single Mode, 60Km, SC/ST/FC Optional
HD-120S-80	10/100Base-Tx to 100Base-Fx, Single Mode, 80Km, SC/ST/FC Optional
HD-120S-100	10/100Base-Tx to 100Base-Fx, Single Mode, 100Km, SC/ST/FC Optional
HD-120S-120	10/100Base-Tx to 100Base-Fx, Single Mode, 120Km, SC/ST/FC Optional

Single Fiber

Model No.	Description
HD-110S-20A	10/100Base-Tx to 100Base-Fx, WDM 20Km, Tx1310, SC/ST/FC Optional
HD-110S-20B	10/100Base-Tx to 100Base-Fx, WDM 20Km, Tx1550, SC/ST/FC Optional
HD-110S-40A	10/100Base-Tx to 100Base-Fx, WDM 40Km, Tx1310, SC/ST/FC Optional
HD-110S-40B	10/100Base-Tx to 100Base-Fx, WDM 40Km, Tx1550, SC/ST/FC Optional
HD-110S-60A	10/100Base-Tx to 100Base-Fx, WDM 60Km, Tx1310, SC/ST/FC Optional
HD-110S-60B	10/100Base-Tx to 100Base-Fx, WDM 60Km, Tx1550, SC/ST/FC Optional
HD-110S-80A	10/100Base-Tx to 100Base-Fx, WDM 80Km, Tx1310, SC/ST/FC Optional
HD-110S-80B	10/100Base-Tx to 100Base-Fx, WDM 80Km, Tx1550, SC/ST/FC Optional

SFP Port

Model No.	Description
HD-1201-SFP	10/100Base-Tx to 100Base-Fx, FE SFP Port

Remark: DIP Switch for setting configurations LFP / Jumbo frames is optional

▶▶ 10/100/1000M Gigabit Ethernet Media Converter

Features

- Complies with IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x auto-negotiation
- Auto-negotiation of 10M/100M/1000M and full duplex / half duplex on RJ-45 port
- Auto MDI/MDI-X supporting
- Proper LED for easier monitoring of device working status
- Extends transmission distance from 550m to 120Km
- MM or SM fiber interface according to users' requirements
- Duplex or Simplex fiber interface according to users' requirements
- DIP switch to set configurations , support LFP and Jumbo frames up to 9000 bytes
- Optional 19 inch Rack-mounted chassis HD-14-2A holds up 14 pcs standalone type media converters or HD-16-2A holds up 16 pcs card type media converters
- CE & FCC Class A approved



Ordering Information

Dual fiber

Model No.	Description
HD-220M-1	10/100/1000Base-Tx to 1000Base-Fx ,Multi Mode ,550m,SC/ST/FC Optional
HD-220M-2	10/100/1000Base-Tx to 1000Base-Fx ,Multi Mode ,2Km,SC/ST/FC Optional
HD-220S-20	10/100/1000Base-Tx to 1000Base-Fx ,Single Mode ,20Km,SC/ST/FC Optional
HD-220S-40	10/100/1000Base-Tx to 1000Base-Fx ,Single Mode ,40Km,SC/ST/FC Optional
HD-220S-60	10/100/1000Base-Tx to 1000Base-Fx ,Single Mode ,60Km,SC/ST/FC Optional
HD-220S-80	10/100/1000Base-Tx to 1000Base-Fx ,Single Mode ,80Km,SC/ST/FC Optional

Single Fiber

Model No.	Description
HD-210S-20A	10/100/1000Base-Tx to 1000Base-Fx ,WDM 20Km ,Tx1310 ,SC/ST/FC Optional
HD-210S-20B	10/100/1000Base-Tx to 1000Base-Fx ,WDM 20Km ,Tx1550 ,SC/ST/FC Optional
HD-210S-40A	10/100/1000Base-Tx to 1000Base-Fx ,WDM 40Km ,Tx1310 ,SC/ST/FC Optional
HD-210S-40B	10/100/1000Base-Tx to 1000Base-Fx ,WDM 40Km ,Tx1550 ,SC/ST/FC Optional
HD-210S-60A	10/100/1000Base-Tx to 1000Base-Fx ,WDM 60Km ,Tx1310 ,SC/ST/FC Optional
HD-210S-60B	10/100/1000Base-Tx to 1000Base-Fx ,WDM 60Km ,Tx1550 ,SC/ST/FC Optional

SFP Port

Model No.	Description
HD-2201-SFP	10/100/1000Base-Tx to 1000Base-Fx , GE SFP Port

Remark : DIP Switch for setting configurations LFP / Jumbo frames is optional.

▶▶ 10/100M Fast Ethernet Mini Switch

Features

- Complies with IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x auto-negotiation
- Support port base VLAN
- Auto MDI/MDI-X supporting
- Support MAC self-learning
- Support MAX packet length 1552/1536 bytes
- Proper LED for easier monitoring of device working status
- Extends transmission distance from 550m to 120Km
- MM or SM fiber interface according to users' requirements
- Duplex or Simplex fiber interface according to users' requirements
- CE & FCC Class A approved



Ordering Information

Dual fiber

Model No.	Description
HD-122M-2	2 x 10/100Base-Tx to 100Base-Fx ,Multi Mode ,2Km,SC/ST/FC Optional ,VLAN Optional
HD-122S-20	2 x 10/100Base-Tx to 100Base-Fx ,Single Mode ,20Km,SC/ST/FC Optional ,VLAN Optional
HD-124M-2	4 x 10/100Base-Tx to 100Base-Fx ,Multi Mode ,2Km,SC/ST/FC Optional ,VLAN Optional
HD-124S-20	4 x 10/100Base-Tx to 100Base-Fx ,Single Mode ,20Km,SC/ST/FC Optional ,VLAN Optional
HD-128M-2	8 x 10/100Base-Tx to 100Base-Fx ,Multi Mode ,2Km,SC/ST/FC Optional ,VLAN Optional
HD-128S-20	8 x 10/100Base-Tx to 100Base-Fx ,Single Mode ,20Km,SC/ST/FC Optional ,VLAN Optional

Single Fiber

Model No.	Description
HD-112S-20A	2 x 10/100Base-Tx to 100Base-Fx ,WDM 20Km ,Tx1310 ,SC/ST/FC Optional ,VLAN Optional
HD-112S-20B	2 x 10/100Base-Tx to 100Base-Fx ,WDM 20Km ,Tx1550 ,SC/ST/FC Optional ,VLAN Optional
HD-114S-20A	4 x 10/100Base-Tx to 100Base-Fx ,WDM 20Km ,Tx1310 ,SC/ST/FC Optional ,VLAN Optional
HD-114S-20B	4 x 10/100Base-Tx to 100Base-Fx ,WDM 20Km ,Tx1550 ,SC/ST/FC Optional ,VLAN Optional
HD-118S-20A	8 x 10/100Base-Tx to 100Base-Fx ,WDM 20Km ,Tx1310 ,SC/ST/FC Optional ,VLAN Optional
HD-118S-20B	8 x 10/100Base-Tx to 100Base-Fx ,WDM 20Km ,Tx1550 ,SC/ST/FC Optional ,VLAN Optional

Copper

Model No.	Description
HD-108	8 x 10/100Base-Tx,RJ-45,100m ,With VLAN

▶▶ 10/100/1000M Gigabit Ethernet Mini Switch

Features

- Complies with IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x auto-negotiation
- Support port base VLAN
- Auto MDI/MDI-X supporting
- Support MAC self-learning
- Proper LED for easier monitoring of device working status
- Extends transmission distance from 550m to 120Km
- MM or SM fiber interface according to users' requirements
- Duplex or Simplex fiber interface according to users' requirements
- CE & FCC Class A approved



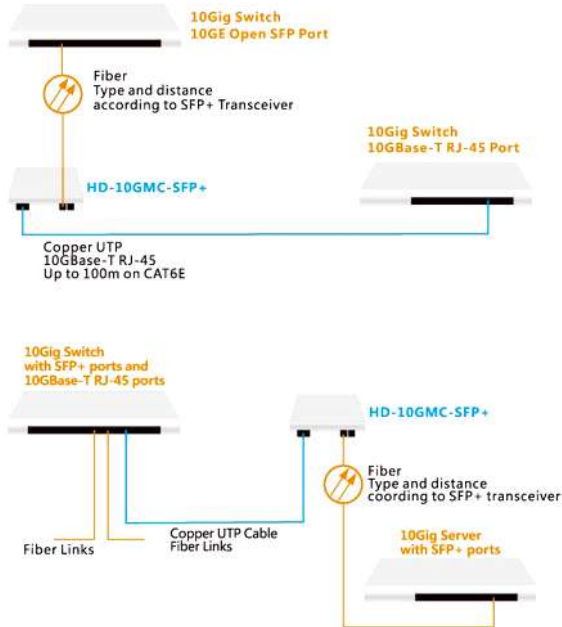
Ordering Information

Model No.	Description
HD-2224-SFP	4 x 10/100/1000Base-Tx to 2 x 1000Base-Fx ,GE SFP Ports ,VLAN Optional
HD-2228-SFP	8 x 10/100/1000Base-Tx to 2 x 1000Base-Fx ,GE SFP Ports ,VLAN Optional

▶▶ 10G Media Converter

Features

- Fiber port support 10GBase-SR ,10GBase-LRM, 10GBase-LR, 10GBase-ER,10GBase-ZR
- Transparent Link Pass Through (LFP)
- AutoCross™
- Support Jumbo Frame
- Support ITUT prescribed DWDM/CWDM wavelength
- Support hot plugging
- Full State Led display



Fiber Optical Networking Device Professional Manufacturer and More

▶▶ 19 inch 2U 14/16 Slots Media Converter Chassis

Features

- Accommodates up to 14 pcs standalone media converters or 16 pcs card type media converters operating under different protocols
- With redundant 2 load sharing ,hot swappable power supplies
- Available AC100-230V power supply or DC-48V power supply
- Proper LED for easier monitoring of device working status
- CE & FCC Class A approved



Ordering Information

Model No.	Description
HD-14-2A	19inch 2U 14 slots Rack-mounted chassis for standalone media converters , dual power supply AC220V . (DC-48V Optional)
HD-16-2A	19inch 2U 16 slots Rack-mounted chassis for card type media converters , dual power supply AC220V . (DC-48V Optional)



Standalone



Card-type

SFP Transceiver



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▶ Data Center Application : 100G CFP2 / QSFP+ Transceiver

Features

- Four-channel full-duplex transceiver module with Reliable
- VCSEL array technology (Sr4)
- Multi-rate capability: 25Gb/s per channel (SR4)
- 4 x 25Gb/s CWDM lanes Mux/Demux design (LR4/ER4)
- Complies with CFP2 MSA / QSFP+ MSA
- Low power dissipation
- Hot-pluggable
- Operating temperature : 0°C to 70°C (Industrial level Optional)



Ordering Information

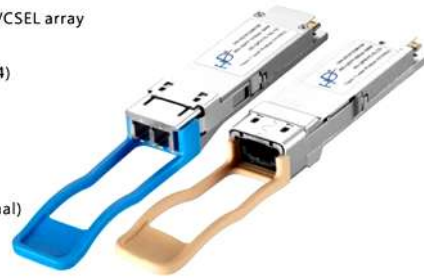
Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	Connector
HD-QSFP+ /100G-SR4	100Gb/s	850nm	200m	-8.4~2.4dBm	<-10.3dBm	MPO
HD-QSFP+ /100G-LR4-1	100Gb/s	1271nm/1291nm /1311nm/1331nm	2Km	-4~2.5dBm	<-10dBm	LC
HD-QSFP+ /100G-LR4	100Gb/s	1271nm/1291nm /1311nm/1331nm	10Km	-4.3~4.5dBm	<-10.6dBm	LC
HD-CFP2 /100G-SR4	100Gb/s	850nm	200m	-8.4~2.4dBm	<-10.3dBm	MPO
HD-CFP2 /100G-LR4-1	100Gb/s	1271nm/1291nm /1311nm/1331nm	2Km	-4~2.5dBm	<-10dBm	LC
HD-CFP2 /100G-LR4	100Gb/s	1271nm/1291nm /1311nm/1331nm	10Km	-4.3~4.5dBm	<-10.6dBm	LC



▶ Data Center Application : 40G QSFP+ Transceiver

Features

- Four-channel full-duplex transceiver module with Reliable VCSEL array technology (Sr4)
- Multi-rate capability: 1.06Gb/s to 10.5Gb/s per channel (SR4)
- 4 x 10Gb/s CWDM lanes Mux/Demux design (LR4/ER4)
- Complies with QSFP+ MSA
- Low power dissipation
- Hot-pluggable QSFP+ form factor
- Operating temperature : 0°C to 70°C (Industrial level Optional)



Ordering Information

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	Connector
HD-QSFP+ /40G-SR4	40Gb/s	850nm	100m	-7.6~-1dBm	<-9.5dBm	MPO
HD-QSFP+ /40G-ESR4	40Gb/s	850nm	300m	-7.3~-1dBm	<-9.9dBm	MPO
HD-QSFP+ /40G-LR4-PSM	40Gb/s	1271nm/1291nm /1311nm/1331nm	10Km	-7~-2.3dBm	<-13.7dBm	MPO
HD-QSFP+ /40G-LR4	40Gb/s	1271nm/1291nm /1311nm/1331nm	10Km	-7~-2.3dBm	<-13.7dBm	LC



▶ Data Center Application : 10G SFP+ Transceiver

Features

- Complies with SFP+ MSA Specification SFF-8431
- Operating data rate up to 10.3Gb/s
- Class 1 laser product EN 60825-1 Standards
- Duplex or Simplex LC connector
- Low power dissipation
- Hot-pluggable SFP+ form factor
- Support DDMI
- Operating temperature : 0°C to 70°C (Industrial level Optional)
- Complies with Cisco,HP,H3C,Huawei,3COM,ORing,Alcatel,D-Link...



Ordering Information

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	DDMI
HD-SFP+ /10G-SR	10Gb/s	850nm	300m	-8.2~-1dBm	<-9.9dBm	Yes
HD-SFP+ /10G-LR	10Gb/s	1310nm	10Km	-6~-0.5dBm	<-14.4dBm	Yes
HD-SFP+ /10G-ER	10Gb/s	1550nm	40Km	-1~-2dBm	<-14.4dBm	Yes
HD-SFP+ /10G-ZR	10Gb/s	1550nm	80Km	0~4dBm	<-23dBm	Yes
HD-SFP+ /10G-BIDI-10A	10Gb/s	Tx1270nm /Rx1330nm	10Km	-6~-1dBm	<-15dBm	Yes
HD-SFP+ /10G-BIDI-10B	10Gb/s	Tx1330nm /Rx1270nm	10Km	-6~-1dBm	<-15dBm	Yes
HD-SFP+ /10G-BIDI-40A	10Gb/s	Tx1270nm /Rx1330nm	40Km	-1~-4dBm	<-16.5dBm	Yes
HD-SFP+ /10G-BIDI-40B	10Gb/s	Tx1330nm /Rx1270nm	40Km	-1~-4dBm	<-16.5dBm	Yes

CWDM/DWDM

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	DDMI
HD-SFP+ /10G-CWDM-XX-40	10Gb/s	CWDM	40Km	-1~-4dBm	<-15.5dBm	Yes
HD-SFP+ /10G-CWDM-XX-80	10Gb/s	CWDM	80Km	0~5dBm	<-23dBm	Yes
HD-SFP+ /10G-DWDM-YY-40	10Gb/s	DWDM	40Km	-1~-4dBm	<-15.5dBm	Yes
HD-SFP+ /10G-DWDM-YY-80	10Gb/s	DWDM	80Km	0~5dBm	<-23dBm	Yes

Remark :

1.XX = 47 to 61 ,means CWDM wavelength range 1470nm to 1610nm.

2.YY refers to DWDM wavelength channel as ITU-T specified , please contact HANDAR to confirm the wavelength availability .

► Data Center Application : 10G XFP Transceiver

Features

- Complies with XFP MSA
- Operating data support 9.95Gb/s to 11.1Gb/s
- Duplex or Simplex LC connector
- Low power dissipation
- Hot-pluggable XFP form factor
- Support DDMI
- Operating temperature : 0°C to 70°C (Industrial level Optional)
- Complies with Cisco,HP,H3C,Huawei,3COM,ORing,Alcatel,D-Link...



Ordering Information

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	DDMI
HD-XFP /10G-SR	10Gb/s	850nm	300m	-7.1~-3dBm	<-11dBm	Yes
HD-XFP /10G-LR	10Gb/s	1310nm	10Km	-6~-1dBm	<-13dBm	Yes
HD-XFP /10G-ER	10Gb/s	1550nm	40Km	-4~-2dBm	<-16dBm	Yes
HD-XFP /10G-ZR	10Gb/s	1550nm	80Km	-2~-5dBm	<-23dBm	Yes
HD-XFP /10G-BIDI-10A	10Gb/s	Tx1270nm /Rx1330nm	10Km	-6~-1dBm	<-15dBm	Yes
HD-XFP /10G-BIDI-10B	10Gb/s	Tx1330nm /Rx1270nm	10Km	-6~-1dBm	<-15dBm	Yes
HD-XFP /10G-BIDI-40A	10Gb/s	Tx1270nm /Rx1330nm	40Km	-1~-4dBm	<-16.5dBm	Yes
HD-XFP /10G-BIDI-40B	10Gb/s	Tx1330nm /Rx1270nm	40Km	-1~-4dBm	<-16.5dBm	Yes

CWDM/DWDM

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	DDMI
HD-XFP /10G-CWDM-XX-40	10Gb/s	CWDM	40Km	-1~-4dBm	<-16.5dBm	Yes
HD-XFP /10G-CWDM-XX-80	10Gb/s	CWDM	80Km	0~-5dBm	<-24dBm	Yes
HD-XFP /10G-DWDM-YY-40	10Gb/s	DWDM	40Km	-1~-4dBm	<-16.5dBm	Yes
HD-XFP /10G-DWDM-YY-80	10Gb/s	DWDM	80Km	0~-5dBm	<-24dBm	Yes

Remark :

3.XX = 47 to 61 ,means CWDM wavelength range 1470nm to 1610nm.

4.YY refers to DWDM wavelength channel as ITU-T specified , please contact HANDAR to confirm the wavelength availability .

► Transmission & Mobile Broadband Application : 155M ~2.5G SFP Transceiver

Features

- Complies with SFP MSA and SFF-8472
- Operating data support 155Mb/s to 2.5Gb/s
- Duplex or Simplex LC connector
- Low power dissipation
- Hot-pluggable SFP form factor
- Support DDMI
- Operating temperature : 0°C to 70°C (Industrial level Optional)
- Class 1 laser product EN 60825-1 standards
- Complies with Cisco,HP,H3C,Huawei,3COM,ORing,Alcatel,D-Link.....



Ordering Information

Dual fiber

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	DDMI
HD-S3115-2LCD	155Mb/s	1310nm	2Km	-18~-10dBm	<-33dBm	Yes
HD-S3115-20LCD	155Mb/s	1310nm	20Km	-15~-8dBm	<-33dBm	Yes
HD-S3115-40LCD	155Mb/s	1310nm	40Km	-9~-3dBm	<-33dBm	Yes
HD-S3115-80LCD	155Mb/s	1550nm	80Km	-5~0dBm	<-34dBm	Yes
HD-S8512-1LCD	1.25Gb/s	850nm	550m	-9~-3dBm	<-17dBm	Yes
HD-S3112-20LCD	1.25Gb/s	1310nm	20Km	-9~-3dBm	<-23dBm	Yes
HD-S3112-40LCD-1	1.25Gb/s	1310nm	40Km	-5~0dBm	<-24dBm	Yes
HD-S3112-40LCD-3	1.25Gb/s	1550nm	40Km	-2~-3dBm	<-24dBm	Yes
HD-S3112-60LCD	1.25Gb/s	1550nm	60Km	-2~-3dBm	<-24dBm	Yes
HD-S3112-80LCD	1.25Gb/s	1550nm	80Km	0~-5dBm	<-25dBm	Yes

BIDI Single fiber

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	DDMI
HD-SB3515-20LCD	155Mb/s	Tx1310nm/Rx1550nm	20Km	-15~-8dBm	<-33dBm	Yes
HD-SB5315-20LCD	155Mb/s	Tx1550nm/Rx1310nm	20Km	-15~-8dBm	<-33dBm	Yes
HD-SB3515-40LCD	155Mb/s	Tx1310nm/Rx1550nm	40Km	-9~-3dBm	<-33dBm	Yes
HD-SB5315-40LCD	155Mb/s	Tx1550nm/Rx1310nm	40Km	-9~-3dBm	<-33dBm	Yes
HD-SB4515-80LCD	155Mb/s	Tx1490nm/Rx1550nm	80Km	-5~0dBm	<-34dBm	Yes
HD-SB5415-80LCD	155Mb/s	Tx1550nm/Rx1490nm	80Km	-5~0dBm	<-34dBm	Yes
HD-SB3512-5LCD	1.25Gb/s	Tx1310nm/Rx1550nm	5Km	-9~-3dBm	<-21dBm	Yes
HD-SB5312-5LCD	1.25Gb/s	Tx1550nm/Rx1310nm	5Km	-9~-3dBm	<-21dBm	Yes
HD-SB3512-20LCD	1.25Gb/s	Tx1310nm/Rx1550nm	20Km	-9~-3dBm	<-22dBm	Yes
HD-SB5312-20LCD	1.25Gb/s	Tx1550nm/Rx1310nm	20Km	-9~-3dBm	<-22dBm	Yes
HD-SB3512-40LCD	1.25Gb/s	Tx1310nm/Rx1550nm	40Km	-5~0dBm	<-23dBm	Yes
HD-SB5312-40LCD	1.25Gb/s	Tx1550nm/Rx1310nm	40Km	-5~0dBm	<-23dBm	Yes
HD-SB4512-80LCD	1.25Gb/s	Tx1490nm/Rx1550nm	80Km	0~-5dBm	<-24dBm	Yes
HD-SB5412-80LCD	1.25Gb/s	Tx1550nm/Rx1490nm	80Km	0~-5dBm	<-24dBm	Yes

▶ Transmission & Mobile Broadband Application : CWDM 155M ~2.5G SFP Transceiver

Features

- Complies with SFP MSA and SFF-8472
- Operating data support 155Mb/s to 2.5Gb/s
- Complies with SDH/SONET
- Low power dissipation
- Hot-pluggable SFP form factor
- Support DDMI
- Operating temperature : 0°C to 70°C (Industrial level Optional)
- Class 1 laser product EN 60825-1 standards
- Complies with Cisco,HP,H3C,Huawei,3COM,ORing,Alcatel,D-Link.....



Ordering Information

CWDM

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	DDMI
HD-SFP/155M-CWDM-XX-40	155Mb/s	CWDM	40Km	-9~-3dBm	<-33dBm	Yes
HD-SFP/155M-CWDM-XX-80	155Mb/s	CWDM	80Km	-5~0dBm	<-34dBm	Yes
HD-SFP/1.25G-CWDM-XX-40	1.25Gb/s	CWDM	40Km	-5~0dBm	<-24dBm	Yes
HD-SFP/1.25G-CWDM-XX-80	1.25Gb/s	CWDM	80Km	0~5dBm	<-24dBm	Yes
HD-SFP/2.5G-CWDM-XX-40	2.5Gb/s	CWDM	40Km	0~5dBm	<-18dBm	Yes
HD-SFP/2.5G-CWDM-XX-80	2.5Gb/s	CWDM	80Km	0~5dBm	<-28dBm	Yes

Remark :

1. XX = 47 to 61 ,means CWDM wavelength range 1470nm to 1610nm.
2. Please contact HANDAR to confirm the wavelength availability .



▶ Broadband Access Application : GPON OLT Transceiver

Features

- Single fiber transceiver with single mode SC interface
- Digital diagnostic interface complies with SFF-8472
- Low power dissipation
- Hot-pluggable
- Operating temperature : 0°C to 70°C (Industrial level Optional)
- Complies with Cisco,HP,H3C,Huawei,3COM,ORing,Alcatel,D-Link.....



Ordering Information

CWDM

Model No.	Data Rate	Center Wavelength	Distance	Power	Sensitivity	Class
HD-GP-OLT-20-B+	Tx2.5Gb/s Rx1.25Gb/s	Tx1490/Rx1310	20Km	1.5~5dBm	<-28dBm	B+
HD-GP-OLT-20-C+	Tx2.5Gb/s Rx1.25Gb/s	Tx1490/Rx1310	20Km	3~7dBm	<-30dBm	C+

▶ Copper SFP Transceiver

- Complies with SFP MSA
- Complies with IEEE standard 802.3-2002
- Hot-Pluggable
- Compact RJ45 connector assembly
- Low power dissipation
- Access to physical layer IC via 2-wires serial bus
- Complies with Cisco,HP,H3C,Huawei,3COM,ORing,Alcatel,D-Link.....



Ordering Information

Model No.	Data Rate	Distance	Connector
HD-GLC-T	10/100/1000Mb/s	100m via CAT5/6	RJ-45

High Definition Video to Fiber Converter

POE Switch

Media Converter

Fiber Switch

POE Switch



Switch

SFP Transceiver

POE Switch

Media Converter

Fiber Optical Networking Device Professional Manufacturer and More ...



▶ AHD/TVI/CVI to fiber converter

Features

- Lossless non-compression real time transmission.
- Automatically identify formats of input video :
- AHD/TVI/CVI/PAL/NTSC/SECAM
- Support 720P/25/30/50Hz , 960P/25/30Hz,1080P/30Hz
- Extends transmission distance from 2Km to 80Km
- Advanced lightning protection design ,support 5.7KV lightning protection
- Proper LED for easier monitoring of device working status
- Wide range of operational temperature
- Stand-alone or Rack-mounted, simple installation.



Number of Channels	1/2/4/8/16
Input/output impedance	75 Ohm (unbalance)
Standard video input/output voltage	1.0Vp-p
Video Bandwidth	50MHz
Sampling Bandwidth	8bit
Sampling Frequency	108MHz
Signal to noise ratio	>67dB
Rise and Fall time	<0.8ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	< ±1.5%
Differential Phase	< ±1°
Connector	BNC
Supporting video pixel	1280(H)x720(V)@30Hz/1MPX 1280(H)x720(V)@50Hz/1MPX 1280(H)x960(V)@30Hz/1.3MPX 1920(H)x1080(V)@30Hz/2MPX

Ordering Information

Model No.	Description Configuration	Fiber connector	Fiber mode	Wavelengths	Transmission Distance
HD-AHD-1M-1V1D-T/RF	1Ch Forward AHD/TVI/CVI Video 720P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-AHD-2M-1V1D-T/RF	1Ch Forward AHD/TVI/CVI Video 1080P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-AHD-1M-2V1D-T/RF	2Ch Forward AHD/TVI/CVI Video 720P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-AHD-2M-2V1D-T/RF	2Ch Forward AHD/TVI/CVI Video 1080P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-AHD-1M-4V1D-T/RF	4Ch Forward AHD/TVI/CVI Video 720P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-AHD-2M-4V1D-T/RF	4Ch Forward AHD/TVI/CVI Video 1080P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-AHD-1M-8V1D-T/RF	8Ch Forward AHD/TVI/CVI Video 720P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-AHD-2M-8V1D-T/RF	8Ch Forward AHD/TVI/CVI Video 1080P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	CWDM:1310nm /1550nm/1490nm	20Km
HD-AHD-1M-16V1D-T/RF	16Ch Forward AHD/TVI/CVI Video 720P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	CWDM:1310nm /1550nm/1490nm	20Km
HD-AHD-2M-16V1D-T/RF	16Ch Forward AHD/TVI/CVI Video 1080P +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	CWDM:1310nm /1550nm/1470nm /1490nm/1570nm	20Km

▶ HD-SDI/3G-SDI to fiber converter

Features

- 1-ch of SD-SDI/HD-SDI/3G-SDI video can be transmitted via 1 single fiber
- Support embedded audio
- With LOOP output in both Tx and Rx end
- Support SMPTE 292M (2.9Gb/s) clock recovery
- Support standard of 270Mbps(SD-SDI) ,1.485Gbps/M(HD-SDI),SMPTE 425M
- 3Gb/s Mapping(3G-SDI),SMPTE 424M 3Gb/s serial interface(3G-SDI)
- Automatic cable equalization ,used for all rate below 3.2 Gb/s (Belden 1694A)
- LED Status Indication to monitor the working conditions
- The fiber port Support SFP transceiver hot-plugged



Number of Channels	1/2/4
Input/output impedance	75 Ohm (unbalance)
Standard video input/output voltage	1.0Vp-p
Video Bits Rate	MAX 3.2Gbps
Video SDI Standards	270Mbps(SD-SDI)
	1.485Gbps/M(HD-SDI)
	SMPTE425M3Gb/s Mapping(3G-SDI) SMPTE424M 3Gb/s serial interface(3G-SDI)

Ordering Information

Model No.	Description Configuration	Fiber connector	Fiber mode	Wavelengths	Transmission Distance
HD-SDI-3G-1V1D-T/RF	1Ch 3G-SDI with LOOP output for both Tx and Rx end +1 Ch Reverse Data RS485	LC	Single-mode	WDM: 1310/1550 nm	20Km
HD-SDI-3G-2V1D-T/RF	2Ch 3G-SDI with LOOP output for both Tx and Rx end +1 Ch Reverse Data RS485	LC	Single-mode	CWDM:1310nm /1550nm/1490nm	20Km
HD-SDI-3G-4V1D-T/RF	4Ch 3G-SDI with LOOP output for both Tx and Rx end +1 Ch Reverse Data Rs485	LC	Single-mode	CWDM:1310nm /1550nm/1470nm /1490nm/1570nm	20Km

▶ Multi-functional Video/Data/Audio/Contact Closure /Ethernet/Telephone to fiber converter

Features

- Lossless non-compression real time transmission.
- Automatically identify formats of input video : PAL/NTSC/SECAM
- Support data RS485/RS422/RS232
- Support Mono audio / Stereo Audio
- Support Contact closure for Alarm systems/devices
- Support 1 or 2 100M Ethernet
- Support Telephone FXS-FXO
- Extends transmission distance from 2Km to 80Km
- Advanced lightning protection design ,support 5.7KV lightning protection
- Proper LED for easier monitoring of device working status
- Wide range of operational temperature
- Stand-alone or Rack-mounted, simple installation.



Ordering Information

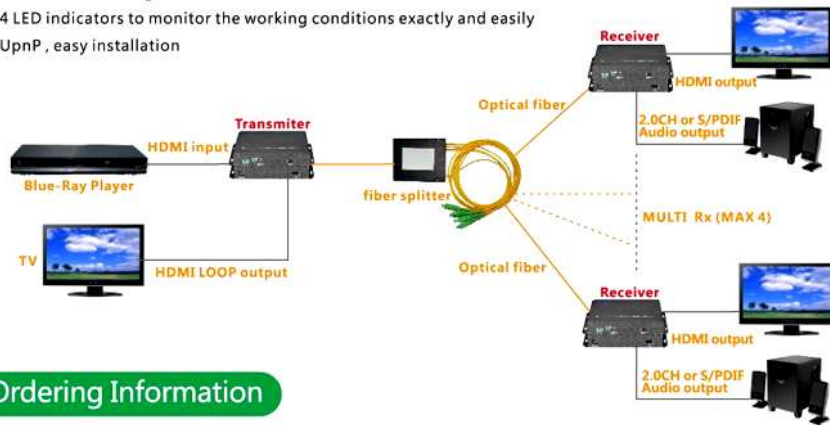
Model No.	Description Configuration	Fiber connector	Fiber mode	Wavelengths	Transmission Distance
HD-S1V11D1-T/RF20	1-Ch Forward Video +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S2V11D1-T/RF20	2-Ch Forward Video +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S4V11D1-T/RF20	4-Ch Forward Video +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S8V11D1-T/RF20	8-Ch Forward Video +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S16V11D1-T/RF20	16-Ch Forward Video +1 Ch Reverse Data RS485	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S1V11D1A11KO1E1P-T/RF20	1-Ch Forward Video +1 Ch Reverse Data Rs485 +1-Ch mono audio +1-Ch contact closure N/O +1-Ch 100M Ethernet +1-Ch Telephone FXS-FXO	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S1/2/4/6/8/16P-T/RF20	1/2/4/6/8/16Ch Telephone FXS-FXO	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S4V11D1E-T/RF20	4-Ch Forward Video +1 Ch Reverse Data RS485 +1-ch 100M Ethernet	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km
HD-S8V11D1E-T/RF20	8-Ch Forward Video +1 Ch Reverse Data RS485 +2-ch 100M Ethernet	FC/SC/ST	Single-mode	WDM: 1310/1550 nm	20Km

Remark : More models available according to the requirements of users .

▶ HDMI to fiber converter

Features

- Support the input/output of HDMI ,with 1-Channel HDMI LOOP output
- Comply with HDMI 1.3 standard
- Support Full HD up to 1920x1080@60Hz ,3D
- HDCP 1.2
- 10G SFP+ optical transceiver to support Real-time / no-delay transmission of high-definition uncompressed HDMI video signals , the pictures showing on screen is clear and stable .
- Built-in ESD protection circuitry , can effectively prevent electrostatic damage
- 4 LED indicators to monitor the working conditions exactly and easily
- UpnP , easy installation



Ordering Information

HDMI to fiber converter

Model No.	HDMI input/output	LOOP output	Independent Audio	Rs232	KVM /USB
HD-HDMI-1010S20	1	0	1	0	0
HD-HDMI-2010S20	1	1	1	0	0
HD-HDMI-1110S20	1	0	1	1	0
HD-HDMI-1111S20	1	0	1	1	1

VGA to fiber converter

Model No.	VGA input/output	VGA LOOP output	Independent Audio	Rs232	KVM /USB
HD-VGA-1010	1	0	1	0	0
HD-VGA-2110	1	1	1	1	0
HD-VGA-2111	1	1	1	1	1

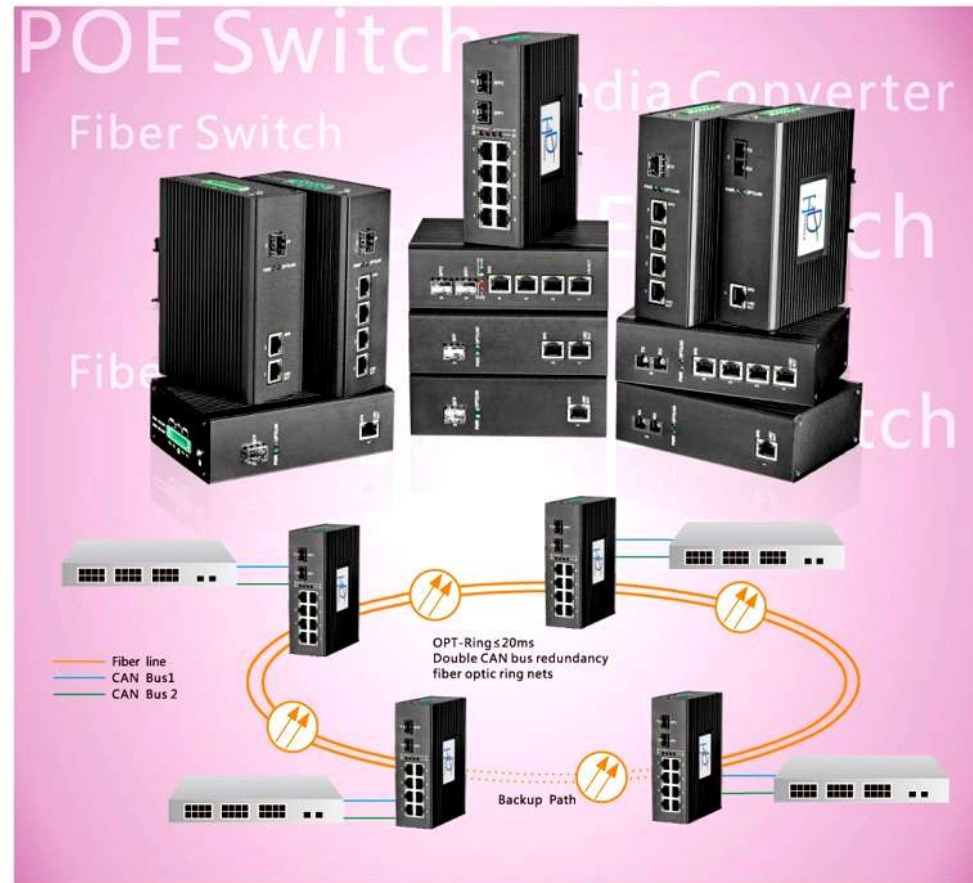
DVI to fiber converter

Model No.	DVI input/output	Independent Audio	Rs232	KVM /USB
HD-DVI-1010	1	1	0	0
HD-DVI-1110	1	1	1	0
HD-DVI-1111	1	1	1	1

Remark : The mentioned models are single mode 10Km LC interface

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Industrial Ethernet Switch



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▶▶ 2/3/5 Ports 10/100M Fast Ethernet Industrial Switch

Features

- Support four 10/100Base-TX port and one 100Base-FX fiber port
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, store and forward
- Ethernet port support 10/100M self-adaption
- Support LFP (Link Fault Pass-Through)
- Support huge increase in packet mode
- DC48V power input, reverse connection protection
- IP40 protect grade, high strength iron shell, DIN Rail installation
Industrial grade 4 design



Specifications

General Technology	Standard: IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3x Flow control: IEEE802.3x flow control, back press flow control	
Exchange Attribute	Forward speed: 7.4MPPS System exchange bandwidth: 1.4Gbps Memory: 512K Jumbo Frames : 9K Bytes	Transmit mode: store and forward MAC address table: 1K Exchange delay time: < 3μs
Industry Standard	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A EMS: IEC61000-4-2(ESD):±8kV(contact), ±15kV(air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT) :Power Port:±4kV; Data Port: ±2kV IEC61000-4-5 (Surge):Power Port:±2kV/DM, ±4kV/CM Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s) Machinery: IEC60068-2-6 (Vibration), IEC60068-2-27 (Shock), IEC60068-2-32 (Free Fall)	

Ordering Information

Model No.	Descriptions
HD-UM-1F1E-M-SC-20	1 Port 10/100Base-T + 1 Port 100Base-Fx, single mode Duplex SC 20Km
HD-UM-1F1E-M-SC-20A	1 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm
HD-UM-1F1E-M-SC-20B	1 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm
HD-UM-1F2E-M-SC-20	2 Ports 10/100Base-T + 1 Port 100Base-Fx, single mode Duplex SC 20Km
HD-UM-1F2E-M-SC-20A	2 Ports 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm
HD-UM-1F2E-M-SC-20B	2 Ports 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm
HD-UM-1F4E-M-SC-20	4 Ports 10/100Base-T + 1 Port 100Base-Fx, single mode Duplex SC 20Km
HD-UM-1F4E-M-SC-20A	4 Ports 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm
HD-UM-1F4E-M-SC-20B	4 Ports 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm

Remark :

- POE Optional
- Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels.
- Maximum transmission distance is also limited by fiber bandwidth.
- Power adapter for stand-alone units is manufactured by third party .Power adapter included US, European, UK or Australian power plug.
- Please feel free to contact factory for any special requirement and customization

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▶▶ 2/3/5 Ports 10/100/1000M Gigabit Ethernet Industrial Switch

Features

- Support 4 10/100/1000Base-TX ports and 2 1000Base-FX SFP fiber ports
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z/ab
- Ethernet port support 10/100/1000M self-adaption
- Support LFP (Link Fault Pass-Through)
- Support huge increase in packet mode
- DC48V power input, reverse connection protection
- IP40 protect grade, high strength iron shell, DIN Rail installation
Industrial grade 4 design



Specifications

General Technology	Standard: IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z Flow control: IEEE802.3x flow control, back press flow control	
Exchange Attribute	Forward speed: 7.4MPPS System exchange bandwidth: 10Gbps Memory: 1M Jumbo Frames : 10K Bytes	Transmit mode: store and forward MAC address table: 8K Exchange delay time: < 4μs
Industry Standard	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A EMS: IEC61000-4-2(ESD):±8kV(contact), ±15kV(air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT) :Power Port:±4kV; Data Port: ±2kV IEC61000-4-5 (Surge):Power Port:±2kV/DM, ±4kV/CM Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s) Machinery: IEC60068-2-6 (Vibration), IEC60068-2-27 (Shock), IEC60068-2-32 (Free Fall)	

Ordering Information

Model No.	Descriptions
HD-UM-1F1E-G-SC-20	1 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode Duplex SC 20Km
HD-UM-1F1E-G-SC-20A	1 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm
HD-UM-1F1E-G-SC-20B	1 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm
HD-UM-1F2E-G-SC-20	2 Ports 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode Duplex SC 20Km
HD-UM-1F2E-G-SC-20A	2 Ports 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm
HD-UM-1F2E-G-SC-20B	2 Ports 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm
HD-UM-2F4E-G-SFP	4 Ports 10/100/1000Base-T + 2 Port 1000Base-Fx, GE SFP ports, without SFP transceivers inside .
HD-UM-2F8E-G-SFP	8 Ports 10/100/1000Base-T + 2 Port 1000Base-Fx, GE SFP ports, without SFP transceivers inside .

Remark :

- POE Optional
- Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels.
- Maximum transmission distance is also limited by fiber bandwidth.
- Power adapter for stand-alone units is manufactured by third party .Power adapter included US, European, UK or Australian power plug.
- Please feel free to contact factory for any special requirement and customization

Managed 6/10/11 Ports 10/100/1000M Gigabit Ethernet Industrial Switch

Features

- Support 8 10/100/1000Base-TX ports and 2 1000Base-FX SFP fiber ports
- Management standards :IGMPv1/v2, GVRP, SNMPv1/v2c/v3, DHCP Client, TFTP, SNTp, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, SSH, SNMP Inform, SNTp Server/Client
- MIB:MIB-II, Ethernet-Like MIB, P-BRIDGE MIB, Q-BRIDGE MIB, Bridge MIB, RSTP MIB, RMON MIB Group 1, 2, 3, 9
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z/ab, IEEE 802.1D-2004 STP IEEE 802.1w Rapid STP, IEEE 802.1Q VLAN Tagging, IEEE 802.1p CoS, IEEE 802.3ad
- Ethernet port support 10/100/1000M self-adaption
- Support LFP (Link Fault Pass-Through)
- Support huge increase in packet mode
- DC48V power input, reverse connection protection
- IP40 protect grade, high strength iron shell, DIN Rail installation
- Industrial grade 4 design



Specifications

General Technology	Standard: IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z Flow control: IEEE802.3x flow control, back press flow control	
Exchange Attribute	Forward speed: 7.4MPPS System exchange bandwidth: 10Gbps Memory: 2M Jumbo Frames: 10K Bytes VLAN: 4094 The number of multicast groups: 256	Transmit mode: store and forward MAC address table: 8K Exchange delay time: < 4μs Priority query: 4 VLAN ID: 1 to 4094
Industry Standard	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A EMS: IEC61000-4-2(ESD):±8kV(contact), ±15kV(air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port:±4kV;Data Port: ±2kV IEC61000-4-5 (Surge):Power Port:±2kV/DM, ±4kV/CM Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s) Machinery: IEC60068-2-6 (Vibration), IEC60068-2-27 (Shock), IEC60068-2-32 (Free Fall)	

Ordering Information

Model No.	Descriptions
HD-M-2F4E-G-SFP	Managed Industrial Switch ,4 Ports 10/100/1000Base-T + 2 Ports 1000Base-Fx GE SFP port ,without SFP transceiver inside
HD-M-2F8E-G-SFP	Managed Industrial Switch ,8 Ports 10/100/1000Base-T + 2 Ports 1000Base-Fx GE SFP port ,without SFP transceiver inside
HD-M-3F8E-G-SFP	Managed Industrial Switch ,8 Ports 10/100/1000Base-T + 3 Ports 1000Base-Fx GE SFP port ,without SFP transceiver inside
HD-M-4F8E-G-SFP	Managed Industrial Switch ,8 Ports 10/100/1000Base-T + 4 Ports 1000Base-Fx GE SFP port ,without SFP transceiver inside

Remark :
POE Optional
Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels.
Maximum transmission distance is also limited by fiber bandwidth.
Power adapter for stand-alone units is manufactured by third party .Power adapter included US, European, UK or Australian power plug.
Please feel free to contact factory for any special requirement and customization

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POE Switch



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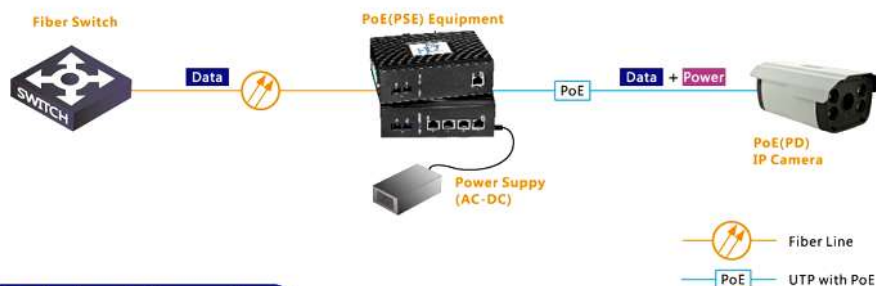
▶▶ 2/5/10 ports 10/100M Fast Ethernet Mini POE Switch

Features

- Complies with IEEE802.3,IEEE802.3u/ab/z/x
- Complies with IEEE802.3af/at POE standard
- Supply Maximum power of each port 25.5W
- RJ45 ports support automatic adjustment
- Flow Control Type: Full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard
- Auto-flip ports (Auto MDI/MDIX)
- Network port has lightning-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)
- Maximum PoE Power: 120W
- Store-and-forward architecture, 192K forwarding memory
- All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed
- Wall-mounted design, easy to install and use



Applications



Ordering Information

Model No.	Descriptions
HD-1F1E/PSE-AF-F-SC-20	1 Port 10/100Base-T + 1 Port 100Base-Fx, single mode Duplex SC 20Km, each RJ45 port support 15.4W PoE/PSE
HD-1F1E/PSE-AF-F-SC-20A	1 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm, each RJ45 port support 15.4W PoE/PSE
HD-1F1E/PSE-AF-F-SC-20B	1 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm, each RJ45 port support 15.4W PoE/PSE
HD-1F4E/PSE-AF-F-SC-20	4 Port 10/100Base-T + 1 Port 100Base-Fx, single mode Duplex SC 20Km, each RJ45 port support 15.4W PoE/PSE
HD-1F4E/PSE-AF-F-SC-20A	4 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm, each RJ45 port support 15.4W PoE/PSE
HD-1F4E/PSE-AF-F-SC-20B	4 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm, each RJ45 port support 15.4W PoE/PSE
HD-1F8E/PSE-AF-F-SC-20	8 Port 10/100Base-T + 1 Port 100Base-Fx, single mode Duplex SC 20Km, each RJ45 port support 15.4W PoE/PSE
HD-1F8E/PSE-AF-F-SC-20A	8 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm, each RJ45 port support 15.4W PoE/PSE
HD-1F8E/PSE-AF-F-SC-20B	8 Port 10/100Base-T + 1 Port 100Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm, each RJ45 port support 15.4W PoE/PSE

Remark:
SFP Port Optional

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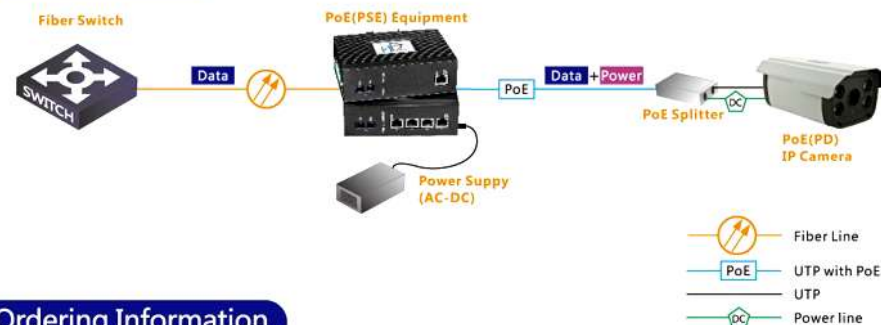
▶▶ 2/5/10/18/26 ports 10/100/1000M Gigabit Ethernet POE Switch

Features

- Complies with IEEE802.3,IEEE802.3u/ab/z/x
- Complies with IEEE802.3af/at POE standard
- Supply Maximum power of each port 25.5W
- RJ45 ports support automatic adjustment
- Flow Control Type: Full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard
- Auto-flip ports (Auto MDI/MDIX)
- Network port has lightning-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)
- Maximum PoE Power: 120W
- Store-and-forward architecture, 192K forwarding memory
- All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed
- Wall-mounted design, easy to install and use



Applications



Ordering Information

Model No.	Descriptions
HD-1F1E/PSE-AF-G-SC-20	1 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode Duplex SC 20Km, each RJ45 port support 15.4W PoE/PSE
HD-1F1E/PSE-AF-G-SC-20A	1 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm, each RJ45 port support 15.4W PoE/PSE
HD-1F1E/PSE-AF-G-SC-20B	1 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm, each RJ45 port support 15.4W PoE/PSE
HD-1F4E/PSE-AF-G-SC-20	4 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode Duplex SC 20Km, each RJ45 port support 15.4W PoE/PSE
HD-1F4E/PSE-AF-G-SC-20A	4 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1310nm / Rx1550nm, each RJ45 port support 15.4W PoE/PSE
HD-1F4E/PSE-AF-G-SC-20B	4 Port 10/100/1000Base-T + 1 Port 1000Base-Fx, single mode simplex SC 20Km, Tx1550nm / Rx1310nm, each RJ45 port support 15.4W PoE/PSE
HD-2F8E/PSE-AF-G-SFP	8 Port 10/100/1000Base-T + 2 Port 1000Base-Fx GE SFP port, each RJ45 port support 15.4W PoE/PSE
HD-2F16E/PSE-AF-G-SFP	16 Port 10/100/1000Base-T + 2 Port 1000Base-Fx GE SFP port, each RJ45 port support 15.4W PoE/PSE
HD-2F24E/PSE-AF-G-SFP	24 Port 10/100/1000Base-T + 2 Port 1000Base-Fx GE SFP port, each RJ45 port support 15.4W PoE/PSE

Remark:
SFP Port Optional

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