



EM-1100-8S2R 10/100/1000M 8 Fiber Ports & 2 RJ45 Ports Fiber

Features

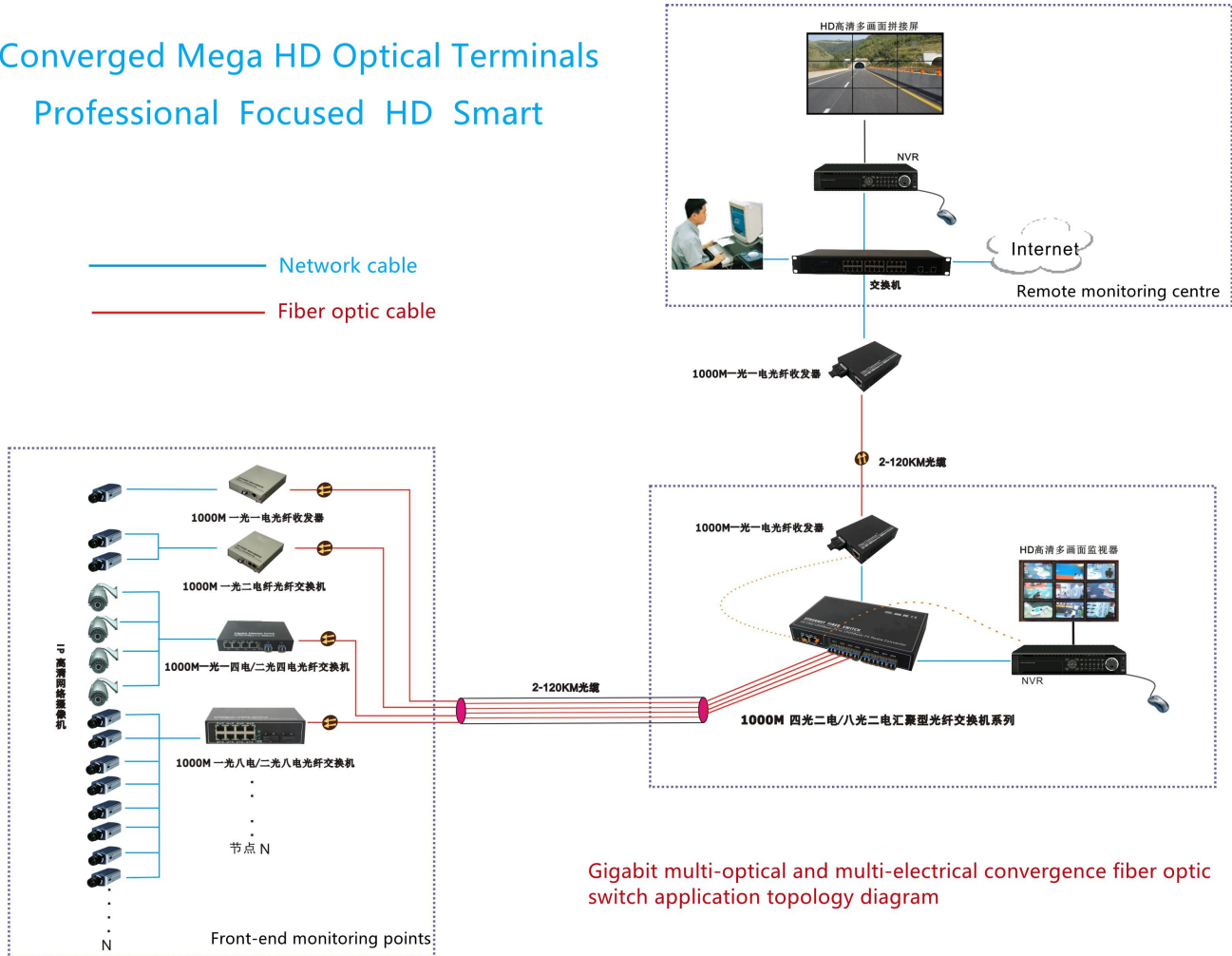
- 8*SFP sockets and 2*RJ45 electrical ports (optional)
- Fiber connector port support multi mode dual fiber, single mode dual fiber, single mode single fiber
- RJ45 ports can adapt to 10/100/1000M, full / half duplex mode.
- RJ45 ports supports straight or cross automatic identification (AUTO-MDIX)
- SFP port supports 1000M full duplex mode
- Support flow control, can prevent broadcast storm

Specifications

Standard Protocol	Suit: IEEE 802.3 CSMA/CD IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3x 1000BASE-TX Fast Ethernet					
Backplane Bandwidth / MAC	32G / 16K					
Working	Full / half duplex with full / half duplex auto-negotiation					
Fiber Connector	SFP					
Physical Connector	RJ45					
Multi mode	Suitable for optical fiber	62.5/125,50/125,100/140μm				
	Transmission distance	550m 2Km				
	Transmit power	>-20~-14dBm				
	wavelength	850nm//1310nm				
	Receiving sensitivity	<-31dBm				
Single mode	Suitable for optical fiber	9/125、8.3/125、8.7/125 或 10/125μm				
	Transmission distance	25km	40km	60km	80km	120km
	Transmit power	-12~-8dBm	-8~-3dBm	-3~0dBm	-3~1dBm	-3~2dBm
	wavelength	1310nm	1310nm	1490/1550nm	1490nm/1550nm	1490nm/1550nm
	Receiving sensitivity	< -32dBm	< -34dBm	< -34dBm	< -38dBm	< -38dBm
Work Temperature	-20 °C ~ +65 °C (Commercial) - 40 °C ~ +85 °C (Industrial)					
Power Supply	DC 12V 5V (External power supply)					
Storage Temperature	-40°C~+90°C					
Relative humidity	5%~90% Non-condensing					
Certification	FCC Part 15 , Class A, RoHS and CE Mark SGS					
Weight	1.0kg					
MTBF (Hours)	>50000 hours					

Application

Converged Mega HD Optical Terminals Professional Focused HD Smart



Gigabit multi-optical and multi-electrical convergence fiber optic switch application topology diagram

Description

8 Fiber ports & 2 RJ45 ports (Million HD Ethernet optical switch) has 8 1000M standard SFP socket and 2 or 1 optional 10/100/1000M adaptive RJ45 linkin ports. No option for fixed RJ45 electrical ports, This product use Full Gigabit 8 Fiber port optical switches. Users can choose different SFP modules according to their needs such as multi / single mode, single / dual fiber, single mode 550m ~ 120Km and so on. Can achieve 1000M Ethernet optical, seamless connection between electrical signals. Than the fixed optical module gigabit switch to better meet the different needs of different users. Switching chip using the latest American IC, stable performance, good quality, easy to use, with a high cost. For small fiber Ethernet and fiber optic networks with special needs.

Outlook & Size



Length*Weight*High(mm) 217mm*115mm*25mm (L*W*H)

Indicator light descriptions

Item	Definition	Description
PWR	Power Indicator	ON when the power supply is turned on and in normal working status
P1-P8	Optical interface status indicator	Bright : optic fiber cable is connected well
1000M	Rate indicator	Bright: fiber transceivers operate at 1000M and in full duplex mode Off: operate at 100M
LA	Rate indicator	Bright : fiber optic transceivers are sending and receiving data; Blinking: twisted pair link is connected, the data is being transmitted data

Matching packaging

Packing list	8 Fiber ports & 2 RJ45 ports Poe Switch
	Power adapters
	Instruction manual
	Warranty Card