

Unmanaged

Industrial Ethernet Switch

Product Description

Unmanaged Ethernet Switch uses store-forward architecture, fanless and energy-saving design. The advantage of product are small, convenient and easy to maintain. The product design complies with the Ethernet standard, adding lightning protection, anti-static protection measures. It applies to the wide range of operating temperature from -40°C to +85°C with stable and reliable performance. The device can be widely applied to various broadband data transmission fields such as intelligent transportation, telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

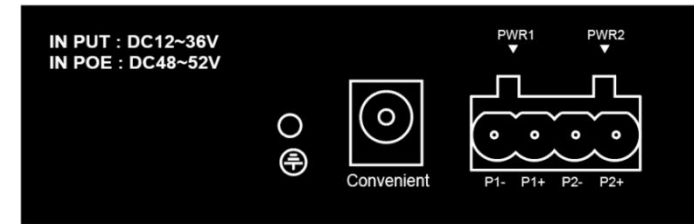
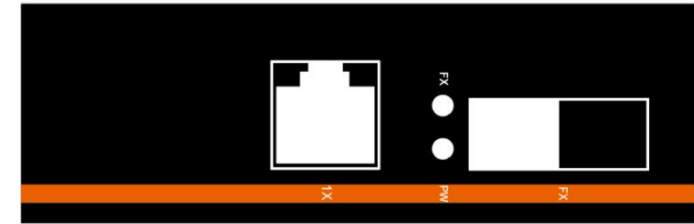
Standards Protocol

IEEE802.3 Ethernet standard

IEEE802.3u fast Ethernet standard

IEEE802.3d Spanning Tree standard

Panel Diagram



LED Status Instruction

LED	STATUS	FUNCTION	OPERATION
PWR1 ~ PWR2	ON	Power	Power on
(Green LED)	OFF		Power off
FX1	ON	Optical Signal	Connected
(Green LED)	FLASH		Data flow
	OFF		Not link
F1 ~ F2	ON	Ethernet	Connected
Green LED	FLASH		Data flow
	OFF		Not link
F1 ~ F2	ON	Ethernet	Connected
(YELLOW LED)			

Product Parameter

Provider Mode Ports	
Fixed Port	100M or 1000M
RJ45 port	self-adaptive 10/100M or 10/100/1000M
Management Port	Unsupported
Power Interface	Phoenix terminal, redundant dual
LED Indicators	PWR, Link/ACT LED
Cable Type&Transmission Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Single mode Optical Fiber	20/40/60/80/100KM
Multimode Optical Fiber	2KM/550m
Electrical Specifications	
Input Voltage	DC12-56V OR AC220V
Power Consumption	Total power<5W
Environment	
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)
Thermal Methods	Fanless, natural cooling
MTBF	100,000 Hours
EMC&Ingress Protection	
IP Level	IP30
Surge Protection Of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Surge Protection Of Ethernet Port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
EMI	CLASS A
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free Fall	0.5m
Mechanical Dimensions	
Product Size	117X91X27mm
Installation Method	Din-rail
Weight	0.4KG

Caution

- * The connection of optical interface must match single mode/multimode for Tx and Rx.
- * Dual fiber, Tx and Rx must be same wavelength; Single fiber, Tx and Rx as corresponding crossed wavelength.

Applicable optical cable

- * Multimode optical cable:
50/125um,62.5/125um,100/140um.
- * Single optical cable:
8.3/125um,8.7/125um,9/125um,10/125um.
- * UTP Cable: Cat5/5e,Cat6
- * Confirm the input voltage of equipment:
110V/220V or 12V/24V/48V,then connect with corresponding power adapter, PWR indicator will be on when suitable power supply.

Installation and Connection

- * When connecting with PC, twisted-pair are parallel lines.
- * When connecting switch concentrator, twisted-pair are cross-wire.

Packing List

- Please check the following items from package before Installing the converter
- 1* Fiber Media Converter
 - 1* Power Adapter
 - 1* User Manual