F-SW1010
Unmanaged Industrial PoE Ethernet Switch

F-SW1010 is an unmanaged industrial ethernet switch. The product has 8 x 10/100M ethernet LAN port, 1 x 10/100/1000M Base-T ethernet port and 1 x 1000M BaseSFP slot. F-SW1010 can be used for connecting multiple servers, hubs, repeaters and devices provides long distance data and power (PoE version) transmission.

F-SW1010 has been widely used in the M2M industry of the IoT industrial chain, such as smart grid, intelligent transportation, finance, supply chain automation, industrial automation, intelligent building, public safety, environmental protection, meteorology, digital medical, telemetry, agriculture, forestry, water, coal, petrochemical and other related fields.

PRODUCT FEATURE

- 8 x 10/100M adaptive ethernet ports, support auto MDI/MDI-X, PoE (optional)
- 1 x 1000M BaseSFP slot
- 1 x 10/100/1000M Base-T Ethernet Port
- High-speed forwarding ensure data transferred in real-time without blocked
- Support IEEE 802.3/802.3U/802.3x flow control
- IP40, metal casing, support DIN-Rail mounting

SPECIFICATION

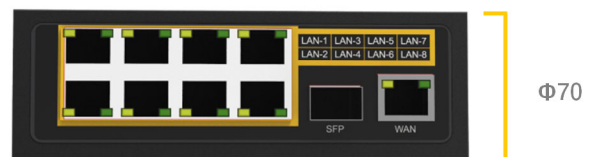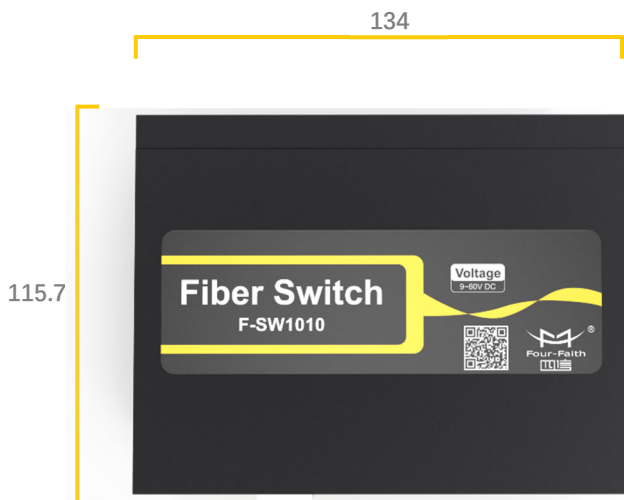| Standard	
Ethernet Standard	IEEE802.3（10 Base-T），IEEE802.3u（100Base-TX &100Base-FX），IEEE802.3z（1000Base-TX&1000Base-X），IEEE802.3x（flow control）
Interface	
SFP Slot	Number：1 Type：SFP（LC，single/dual optional） Rate：1000Base-X
1000M Ethernet Port	Number：1 Type：RJ45 Rate：10/100/1000M Adaptive
Power	5.08mm Terminal Block Interface

Transmission Distance	
Ethernet Cable	100m（Standard CAT5/CAT5e），250m（CAT6）
Fiber	Support single/dual mode fiber, dual：550M；single：20/40/60/80/100KM
Characters	
Application Level	2
Processing Type	Store-and-forward
Backplane Bandwidth	3.6Gbps
Packet Forwarding Rate	2.68Mpps
Mac Table Size	2K
Power	
Input Power	DC9~36V, 40~60V (PoE Version)
Consumption	<5W, PoE Version<120W
Interface	5.08mmTerminal Block Interface，with Overload Current and Reverse Polarity Protection
Operating Environment	
Operating Temperature	-40℃~75℃
Relative Humidity	0~90% (non-condensing)
Others	
IP Rating	IP40
Weight	520g / 610g (PoE Version)
Dimension	134.8mmX115.7X45mm
Warranty	1 Year
Standards	
EMS	EN61000-4-2 Level 3 EN61000-4-3 Level 3 EN61000-4-4 Level 3 EN61000-4-5 Level 3 EN61000-4-6 Level 3 EN61000-4-8 Level 4
Shock	IEC60068-2-27
Freefall	IEC60068-2-32
Vibration	IEC60068-2-6

DIMENSIONS (mm)

Ordering Information

Model	Description
F-SW1010-SF	8 x 10/100M LAN ports，1 x 10/100/1000 WAN ports, 1 x SFP port
F-SW1010-8P-SF65W	8 x 10/100M LAN ports with maximum 65W PoE supply，1 x 10/100/1000 WAN ports, 1 x SFP port
F-SW1010-8P-SF120W	8 x 10/100M LAN ports with maximum 120W PoE supply，1 x 10/100/1000 WAN ports, 1 x SFP port

NAMING CONVENTION

F-SW1010-8P-SF120WGB

Port Number：
10

PoE Number：
8

Functions：

SF - with SFP port

SP - with SFP+ port

120W- POE Power

AGB – All Gigabyte Ports

Four-Faith