

Industrial PoE Switch

F-SW1010

PoE | Cloud Platform | Din-Rail | Terminal Block

Introduction

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, and etc.

Industrial-grade Design

- Metal casing, IP40 protection level, suitable for most industrial control applications.
- Wide range operating temperature (-40ºC~75ºC)
- Wide range power input (DC 9~36V)

Stability & Reliability

- High-speed forwarding ensure data transferred in real-time without blocked
- Power using terminal block interface with overload current and reverse polarity protection

Standard & Convenience

- Support IEEE 802.3/802.3U/802.3x flow control
- Support DIN-Rail mounting
- Support POE (Optional)

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High Performance

- Support 10/100M adaptive ethernet ports, support auto MDI/MDI-X, PoE (Optional)
- Support 1000M BaseSFP slot
- Support 10/100/1000M Base-T Ethernet Port

Product Specification

Standard	
Items	**Contents**
Ethernet Standard	IEEE802.3 (10 Base-T) IEEE802.3u (100Base-TX &100Base-FX) IEEE802.3z (1000Base-TX&1000Base-X) IEEE802.3x (Flow control)
Interface	
Items	**Contents**
SFP Slot	Number：1 Type：SFP LC, single/multi-mode (Optional) Rate：1000Base-X
1000M Ethernet Port	Number：1 Type：RJ45 Rate：10/100/1000M Adaptive
Power	5.08mm Terminal Block Interface
Transmission Distance	
Items	**Contents**
Ethernet Cable	100m (Standard CAT5/CAT5e) 250m (CAT6)
Optical Fiber	Support single/multi-mode fiber Multi-mode：550m Single-mode：20/40/60/80/100Km
Power	
Items	**Contents**
Input Power	DC9~36V, 40~60V (PoE Version)
Consumption	<5W, PoE Version<120W
Interface	5.08mmTerminal Block Interface Overload current and reverse polarity protection

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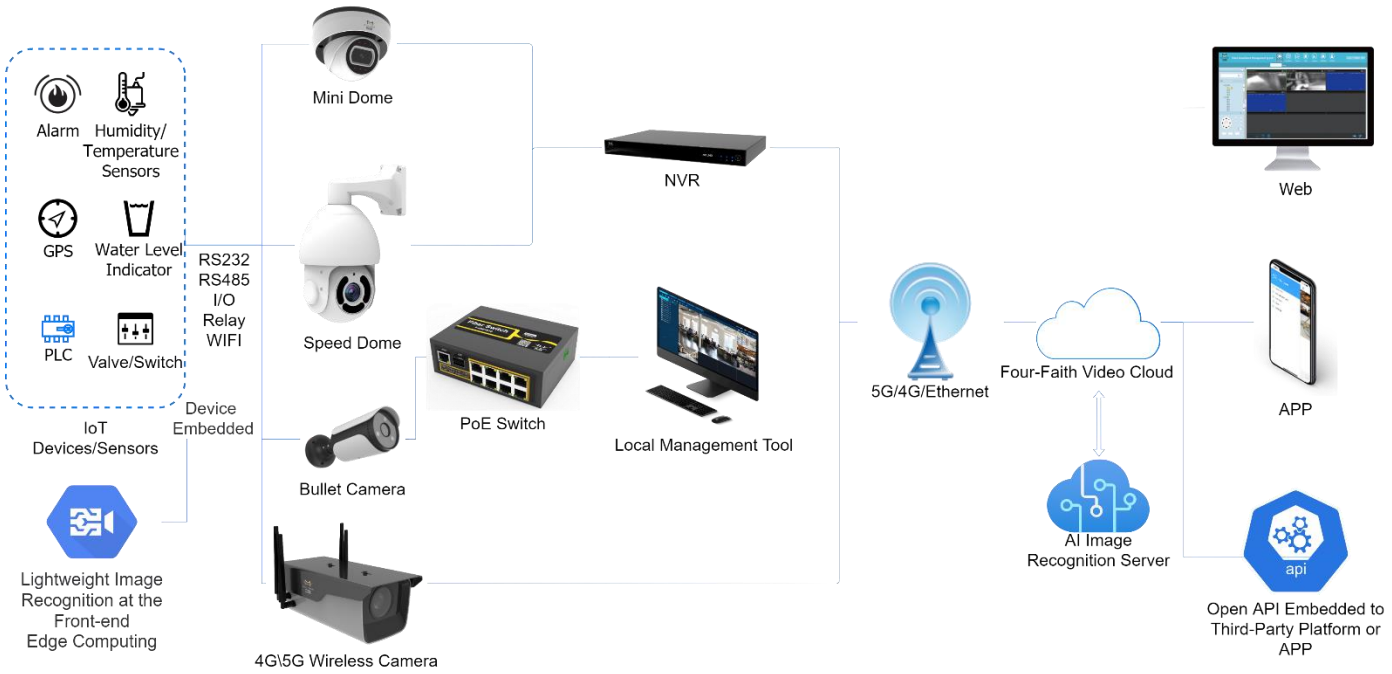


Characteristics	
Items	Contents
Application Level	2
Processing Type	Store-and-forward
Backplane Bandwidth	3.6Gbps
Packet Forwarding Rate	2.68Mbps
Mac Table Size	2K
Operating Environment	
Items	Contents
Operating Temperature	-40 ºC ~75 ºC
Relative Humidity	0~90% (Non-condensing)
Others	
Items	Contents
IP Rating	IP30
Weight	490g
Dimension	134.8x115.7x45mm
Warranty	1 year
Standards	
Items	Contents
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

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Topology



Dimension (mm)





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Order Information

Models	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 120W 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-SF120W

Port Number: 10

PoE Number: 8

Functions:

SF - with SFP port

SP - with SFP+ port

120W- POE Power