

# Industrial PoE Switch

## F-SW1032



### Introduction

F-SW1032 is an unmanaged industrial ethernet switch. The product has 24 x 10/100M ethernet LAN port, 4 x 10/100/1000M Base-T ethernet port and 4 x 1000M BaseSFP slot. F-SW1032 can be used for connecting multiple servers, hubs, repeaters and devices provides long distance data and power (PoE version) transmission.



Industrial-grade Design

- ▶ Metal casing, IP40 protection level, suitable for most industrial control applications.
- ▶ Wide range operating temperature (-40°C~40°C)
- ▶ Support power input (110~220V)



Stability & Reliability

- ▶ High-speed forwarding ensure data transferred in real-time without blocked



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: 4
	Type: SFP LC, single/dual(Optional) Rate: 1000Base-X
1000M Ethernet Port	Number: 4
	Type: RJ45 Rate: 10/100/1000M Adaptive
100M Ethernet Port	Number: 24
	Type: RJ45 Rate: 10/100M Adaptive
Transmission Distance	
Items	Contents
Ethernet Cable	100m (Standard CAT5/CAT5e)
	250m (CAT6)
Optical Fiber	Support single/dual mode fiber
	Dual: 550m Single: 20/40/60/80/100Km

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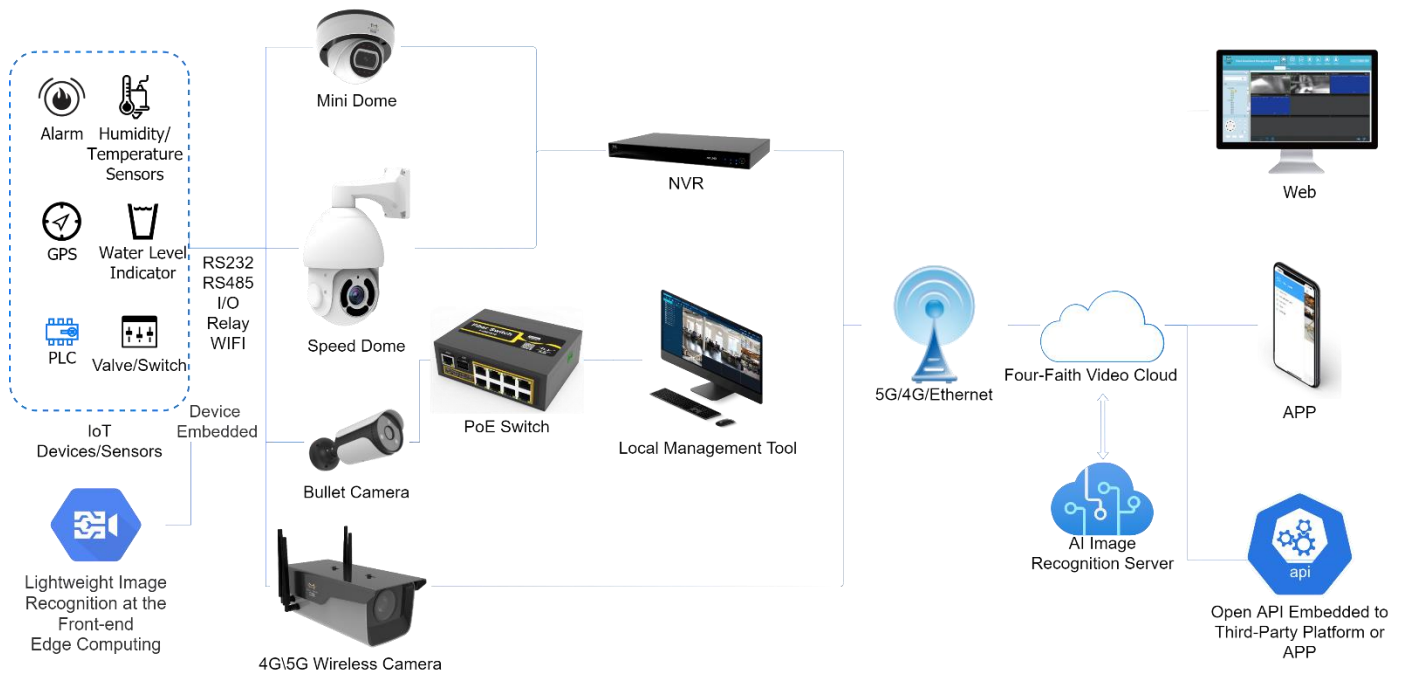


Characteristics	
Items	Contents
Application Level	2
Processing Type	Store-and-forward
Backplane Bandwidth	3.6Gbps
Packet Forwarding Rate	2.68Mbps
Mac Table Size	2K
Power	
Items	Contents
Input Power	110~220V
Consumption	<6W PoE Version<240W
Interface	C13 DC
Operating Environment	
Items	Contents
Operating Temperature	-40 °C ~40 °C
Relative Humidity	0~90% (Non-condensing)
Others	
Items	Contents
IP Rating	IP40
Weight	2.1Kg 2.5 Kg (PoE Version)
Dimension	440 x 200 x 45mm
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

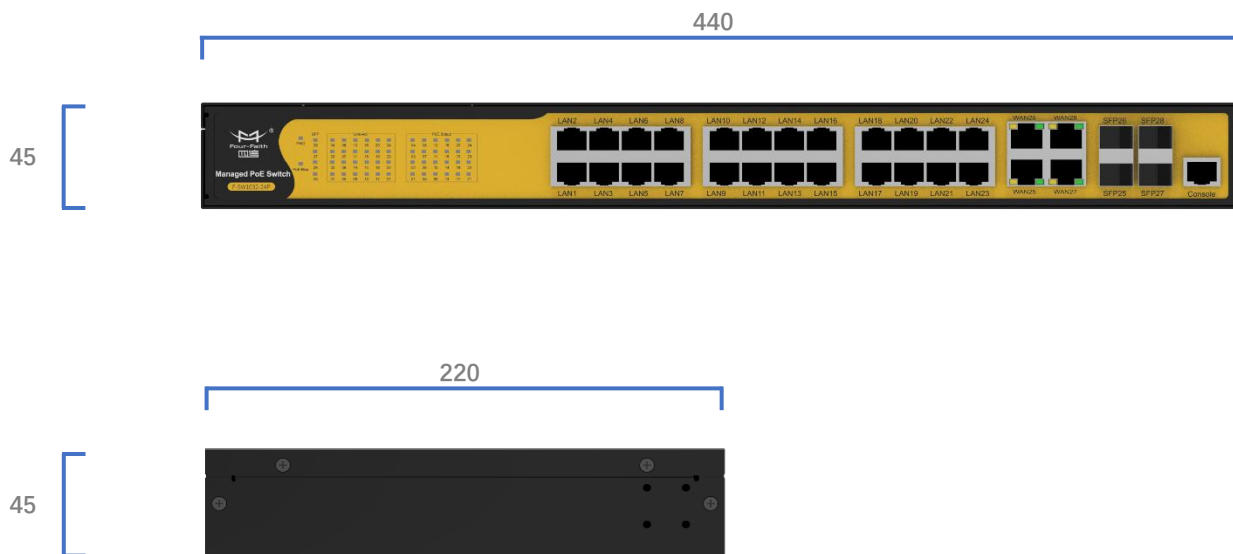
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## Topology



## Dimension (mm)



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## Order Information

Models	Description
F-SW1032-SF	24 x 10/100M LAN ports 4 x 10/100/1000 WAN ports 4 x SFP ports
F-SW1032-24P-SF240W	24 x 10/100M LAN ports with maximum 65W PoE supply 4 x 10/100/1000 WAN ports 4 x SFP ports

## Naming Convention

# F-SW1032-24P-SF240W

Port Number: 32

PoE Number: 24

### Functions:

SF - with SFP port  
SP - with SFP+ port  
120W- POE Power