

10-port Full Gigabit Industrial PoE Fiber Switch

700567

VandaVeto®



OVERVIEW

The 700567 is a full gigabit industrial PoE fiber switch. It has 8*10/100/1000Base-T adaptive RJ45 ports and 2*1000Base-X uplink SFP slot ports. Port 1-8 can support IEEE802.3af/at PoE standard. Single-port PoE power up to 30W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to PoE terminal devices such as wireless AP, IP cameras, and industrial sensors through the network cable, and meet the network environment that needs a high-density PoE power supply. It is suitable for intelligent transportation, rail transit, power industry, mining, petroleum, and sea transportation. Industrial scenes such as metallurgy and green energy, construction form a cost-effective, stable, and reliable communication network.

FEATURE

■ Full gigabit access, SFP port uplink

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- ◇ Supports Gigabit RJ45 port and gigabit SFP port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

■ Powerful port lightning protection

- ◇ DC INPUT: 48V-57V.
- ◇ Industrial dual power input.
- ◇ Contact discharge 8KV, air discharge 15KV, port lightning protection common-mode 4KV, differential mode 2KV.

■ Intelligent PoE power supply

- ◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ 8*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

■ Stable and reliable

- ◇ CCC,CE, FCC, RoHS.
- ◇ Low power consumption, No fan, aluminum shell.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, SYS, Link, L/A, PoE.

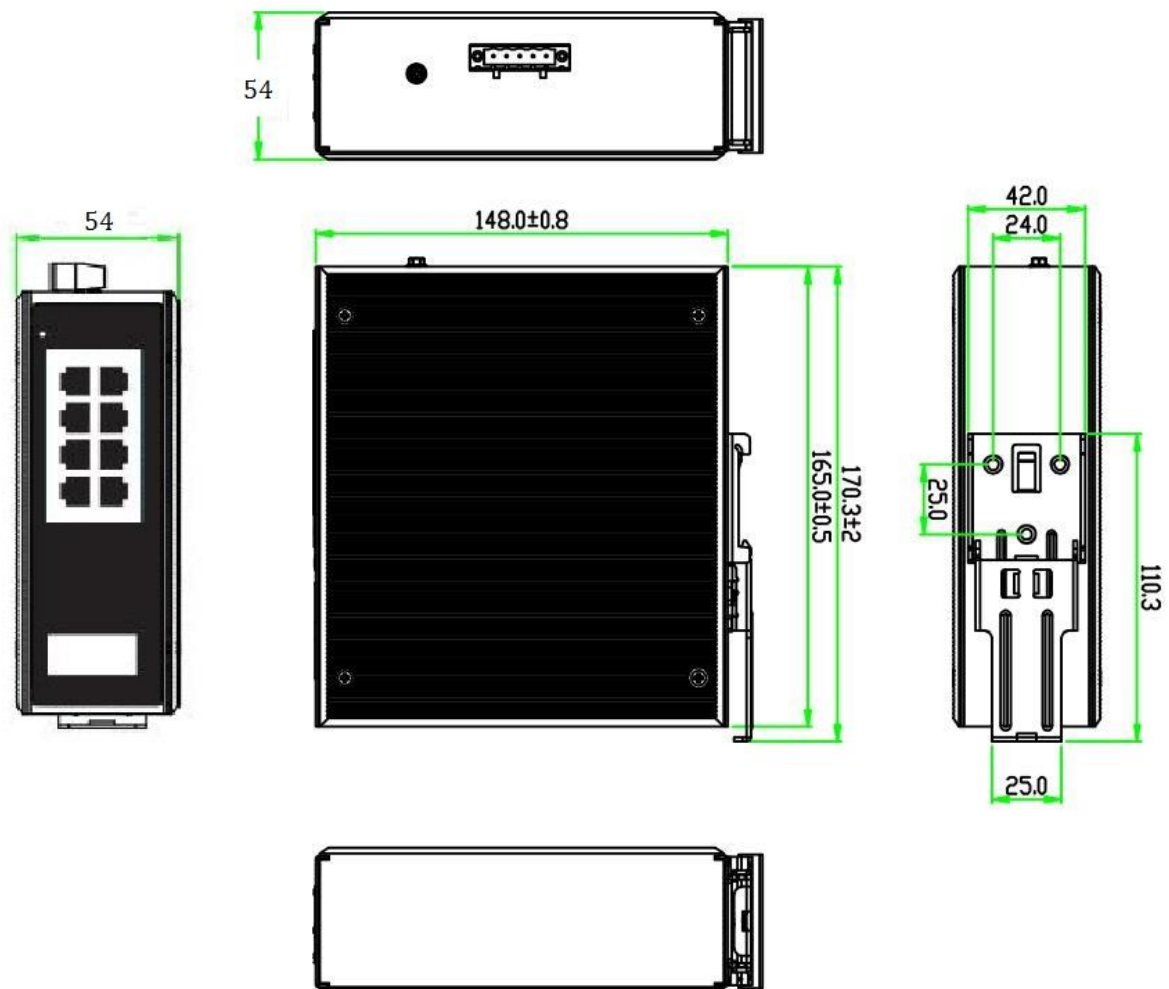
TECHNICAL SPECIFICATION

Model	700567
Interface Characteristics	
Fixed Port	8*10/100/1000Base-T PoE ports (Data/Power) 2*1000Base-X uplink SFP fiber slot ports (Data) 2 sets of V+, V- redundant DC power interface (5P Phoenix terminal)
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)
Ethernet Port	10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
SFP Slot Port	Gigabit SFP optical fiber interface, default no include optical modules (optional single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Optical Cable/ Distance	Multi-mode: 850nm 0~500M, Single-mode: 1310nm 0~40KM,1550nm 0-120KM.
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	20Gbps
Forwarding Rate@64byte	14.88Mpps
MAC	8K
Buffer Memory	4M

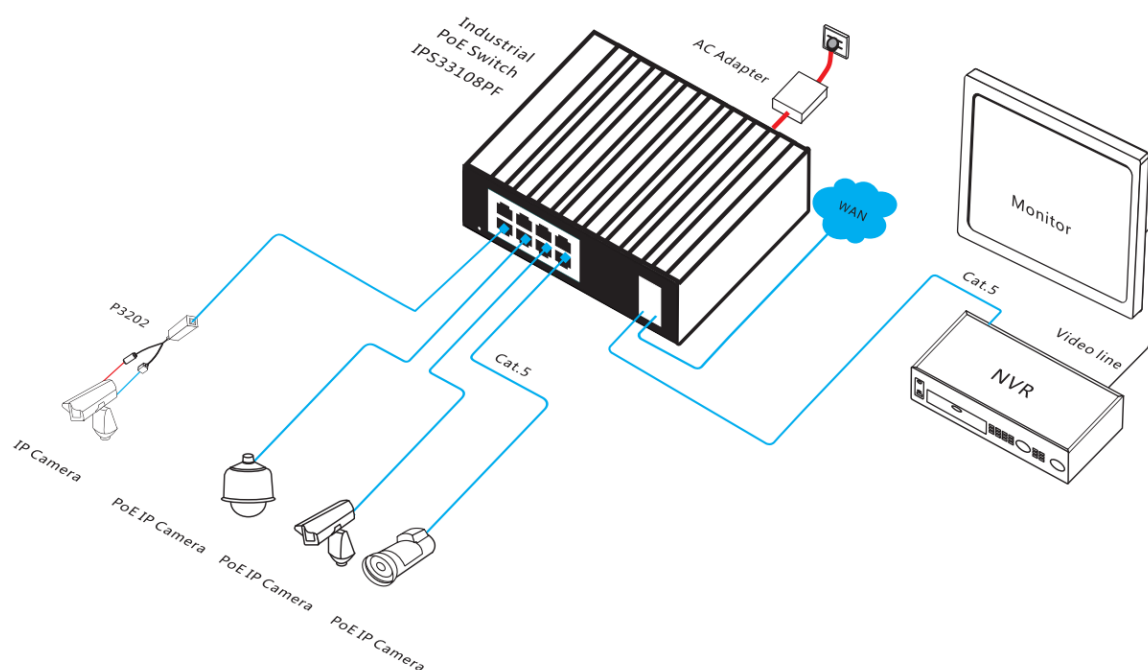
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), Network: Link,link/Act (Yellow), PoE: PoE (Green)
PoE & Power Supply	
PoE Port	Port 1-8
Power Supply Pin	Default 1/2 (+) 3/6 (-)
Max Power Per Port	30W, IEEE802.3af/at
Power Consumption	Standby:<8W, Full load:af<120W,at<240W
Working Voltage	DC48-57V, 5 Pin industrial Phoenix terminal, support anti-reverse protection.
Power Supply	No, optional 48V/120W or 48V/240W industrial power supply
Physical Parameter	
Operation TEMP / Humidity	-40~+80°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C, 5%~95% RH Non condensing
Dimension (L*W*H)	165*148*54mm
Net /Gross Weight	<1.0kg / <1.3kg
Installation	Desktop, 35mm DIN rail
Certification & Warranty	
Lightning Protection	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD):±8kV contact discharge,±15kV air discharge IEC61000-4-3(RS):10V/m(80~1000MHz) IEC61000-4-4(EFT): power cable:±4kV; data cable:±2kV IEC61000-4-5(Surge):power cable:CM±4kV/DM±2kV; data cable:±4kV IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz) IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s IEC61000-4-9(pulsed magnet field):1000A/m IEC61000-4-10(damped oscillation):30A/m 1MHz

	IEC61000-4-12/18(shockwave):CM 2.5kV,DM 1kV IEC61000-4-16(common-mode transmission):30V; 300V,1s FCC Part 15/CISPR22(EN55022):Class B IEC61000-6-2(Common Industrial Standard)
Mechanical Properties	IEC60068-2-6 (anti vibration), IEC60068-2-27 (anti shock) IEC60068-2-32 (free fall)
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B RoHS
Warranty	5 years, lifelong maintenance.

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description	Recommended Power Supply
700567	Unmanaged industrial PoE fiber switch with 8*10/100/1000M RJ45 ports and 2*1000M uplink SFP slot ports. Port 1-8 can support PoE IEEE802.3af/at. It can support DC dual redundant power input and DIN rail mounting.	120W/240W

Note: Industrial PoE switch does not include the SFP optical module and power supply.

PACKING LIST

PACKING LIST	CONTENT	QTY	UNIT
	10-port full gigabit industrial PoE fiber switch	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

POWER SUPPLY

Product	Model	Description	Unit
120W DIN Rail Industrial Power Supply	700592	Din Rail 120W single set of output power supply Input Voltage:AC 100V~240V 50-60Hz,2.3A Output Voltage:DC 48V 2.5A Operation Temperature:-40℃—+70℃	PC
240W DIN Rail Industrial Power Supply	700594	Din Rail 240W single set of output power supply Input Voltage:AC 100V~240V 50-60Hz,3.0A Output Voltage:DC 48V 5.0A Operation Temperature:-40℃—+70℃	PC

VandalVeto®

5 Korazin st, 5358305 Givatayim

Tel : 972-3-5713004 Fax : 972-3-5711450

www.egber.com

egber@egber.com