



## 12-port Gigabit Uplink Industrial PoE Fiber Switch VT-G08ITP

### Overview

The VT-G08ITP is a Gigabit uplink industrial PoE fiber switch. It has 8\*10/100M PoE ports and 2\*10/100/1000M RJ45 ports and 2\*1000M SFP slot ports. Port 1-8 can support IEEE802.3af/at PoE standard, single port PoE power is 30W, the maximum PoE output power is 120W. 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 equipment such as wireless AP, webcam, VoIP phone, industrial sensor through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for intelligent transportation, rail transit, electric power, mining, metallurgy and green energy. Industrial scenes such as construction set up a cost-effective and stable communication network.

Unmanaged model, plug and play, no configuration, easy to use.

**High Performance**

- 8 \* PoE Ports
- 2 \* Gigabit ports
- 2 \* SFP Slot
- -40~+80°C
- IEEE 802.3x flow control
- Store and forward

**Certification**

- Lightning protection: 6KV 8/20us
- Protection level: IP40
- CCC ; CE mark
- CE/LVD EN60950
- FCC Part 15 Class B
- RoHS

**Easy to use**

- Plug and Play design
- No configuration
- Easy to maintain
- LED indicator



## 12-port Gigabit Uplink Industrial PoE Fiber Switch

### VT-G08ITP

#### 10/100M access, gigabit TP & SFP port uplink

- Support 10/100M RJ45 port and gigabit TP&SFP port combination, which enables users to flexibly build networking to meet the needs of various scenarios
- Support non-blocking wire-speed forwarding
- Support full-duplex based on IEEE802.3x and half-duplex based on Back pressure

#### Intelligent PoE power supply

- 8\*10/100Base-TX RJ45 ports support PoE power supply to meet the needs of PoE power supply in various scenarios in the industrial field
- IEEE 802.3af/at PoE standard, without damaging non-PoE devices
- 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

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

### Specifications:

Model	VT-G08ITP
Fixed Port	<p>8*10/100Base-TX PoE ports (Data/Power)</p> <p>2*10/100/1000M RJ45 ports (Data)</p> <p>2*1000M SFP slot ports(Data)</p> <p>2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)</p>
Twisted Pair Transmission	<p>10BASE-T: Cat3,4,5 UTP(≤100 meter)</p> <p>100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)</p>
Ethernet Port	<p>Port 1-8 support 10/100Base-TX, Port 9-10 support 10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption</p>
SFP Slot Port	<p>Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)</p>
Optical Cable/ Distance	<p>Multi-mode: 850nm /0~500m,</p> <p>Single-mode: 1310nm /0~40km,1550nm /0-120km</p>
Chip Parameter	
Network Protocol	<p>IEEE802.3 10BASE-T, IEEE802.3i 10Base-T,</p> <p>IEEE802.3u100Base-TX IEEE802.3ab 1000Base-T,</p> <p>IEEE802.3z 1000Base-X, IEEE802.3x</p>
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	12Gbps
Forwarding Rate@64byte	7.14Mpps

MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (green), network: Link, link/Act (yellow), PoE: PoE (green),rate: 1000M (green)
<b>PoE &amp; Power</b>	
PoE Port	Port 1 to 8
Power Supply Pin	Default 1/2 (+), 3/6 (-)
Max Power Per Port	30W; IEEE802.3af/at
Total PWR / Input Voltage	120W /48VDC
Power Consumption	Standby<8W, Full load<120W
Working Voltage	48-57VDC, 5 Pin industrial Phoenix terminal, support anti-reverse protection
Power Supply	No, optional 48V/120W industrial power supply
<b>Physical Parameter</b>	
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	<1.3kg / <1.8 kg
Installation	Desktop, 35mm DIN rail
<b>Certification &amp; Warranty</b>	
Lightning protection / protection level	Lightning protection: 6KV 8/20us, Protection level: IP40
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS

<p>Protection Level</p>	<p>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 to3s          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)</p>
<p>Mechanical Properties</p>	<p>IEC60068-2-6 (anti vibration)          IEC60068-2-27 (anti shock)          IEC60068-2-32 (free fall)</p>