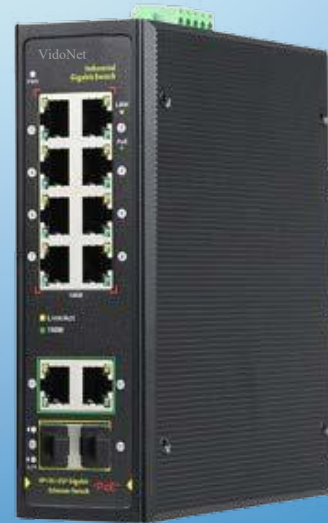


VT-G08ITP

Gigabit Uplink 12-Port Industrial PoE Switch



Slim Type with more Practicability and Convenience

The VT-G08ITP is a Gigabit uplink industrial PoE fiber switch independently developed by VidoNet. It has 8*10/100M adaptive RJ45 ports and 2*10/100/1000M adaptive RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1-8 can support IEEE 802.3 af/at PoE standard and single-port PoE power reaches 30W.. It can support dual DC redundant power input and DIN rail mounting. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40°C ~ +80°C

Interface

- 8*10/100Base-TX PoE ports (Data/Power)
- 2*10/100/1000Base-T RJ45 ports (Data)
- 2*1000Base-X uplink SFP fiber ports(Data)
- 2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)

Industrial conformance

- 48V to 57V DC, Redundant power input
- -40°C ~ +80°C Working temperature
- IP40 Metal case
- Support 6KV DC Ethernet ESD protection
- Free Fall, Shock and Vibration Stability

It is suitable for intelligent transportation, rail transit, electric power, mining, metallurgy, and green energy, industrial scenes such as construction setting up a cost-effective and stable communication network. Unmanaged mode, plug and play, no configuration, easy to use.

Feature

- 10/100M access, gigabit uplink TP and SFP port
- Smart PoE power supply
- Stable and reliable
- CCC, CE, FCC, RoHS

Specifications

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|-------------------------|---|
| Model No. | VT-G08ITP |
| 10/100/1000Base-Tx Port | Port 1-8 can support 10/100Base-TX and port 9-10 can support 10/100/1000Base-T(X) |
| PoE Specification | PoE Standard: IEEE802.3af/ IEEE802.3at |
| | PoE ports: 1 - 8 port support PoE |
| | Power Output: |
| | Max. 15.4 watts (IEEE 802.3af) |
| | Max. 30 watts (IEEE802.3at) |
| | PoE port Auto detect AF/AT devices |
| | Output Voltage: DC48V |
| | Power Pin Assignment: 1/2+; 3/6- |
| | Power Type: End-span(Mid-span optional) |
| SFP Slot Port | 2*1000Base-X uplink SFP fiber ports |

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|---------------------------|---|
| Performance Specification | <p>Bandwidth: 12Gbps (non-blocking)</p> <p>Buffer Memory: 2M</p> <p>ForwardingRate@64byte: 7.14Mpps</p> <p>MAC Address Table: 2K</p> |
| Installation | DIN Rail |
| Jumbo Frame | 9.2K |
| Flow Control | Full-duplex based on IEEE802.3x and half-duplex based on Backpressure |
| Enclosure | IP40 Slim type metal case |
| LED Indicator | <p>Power: Green</p> <p>Fiber port: L/A Green</p> <p>Ethernet: Yellow</p> |
| Power Input | 48 to 57V DC Redundant power |
| Power Consumption | Standby<8W, Full load af<120W, af<240W |
| Protection | <p>ESD (Ethernet): 6KV DC</p> <p>Surge (Power): 6KV DC</p> |
| Network Protocols | <p>EEE 802.3 10BASE-T IEEE</p> <p>802.3i 10Base-T IEEE</p> <p>802.3u 100Base-TX</p> <p>IEEE802.3ab 1000Base-T</p> <p>IEEE802.3z 1000Base-X</p> <p>IEEE 802.3x</p> |

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|-----------------------|---|
| Network Cables | <p>10BASE-T: Cat3,4,5 UTP (≤100 meters)</p> <p>100BASE-T: Cat5 or later UTP (≤100 meters)</p> <p>1000BASE-T: Cat6 or later UTP (≤100 meters)</p> |
| Industry Standard | <p>1IEC61000-4-3 (RS):10V/m (80~1000MHz)</p> <p>FCC Part 15/CISPR22 (EN55022): Class B</p> <p>IEC61000-6-2 (Common Industrial Standard)</p> <p>IEC61000-4-9 (Pulsed magnet field): 1000A/m</p> <p>IEC61000-4-10 (Damped oscillation): 30A/m 1MHz</p> <p>IEC61000-4-12/18 (Shockwave): CM 2.5kV, DM 1kV</p> <p>IEC61000-4-4(EFT): Power cable: ±4kV; data cable: ±2kV</p> <p>IEC61000-4-16 (Common-mode transmission): 30V, 300V,1s</p> <p>IEC61000-4-2 (ESD): ±8kV contact discharge, ±15kV air discharge</p> <p>IEC61000-4-6 (Radio frequency transmission): 10V(150kHz~80MHz)</p> <p>IEC61000-4-8 (Power frequency magnetic field): 100A/m, 1000A/m,1s-3s</p> <p>IEC61000-4-5 (Surge): Power cable: CM±4kV/ DM±2kV, data cable:±4kV</p> |
| Cerification | CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS |
| MTBF | >300,000hours |
| Dimension (L*W*H) | 145*134.5*47mm |
| Weight | <p>Product Weight: 0.7KG</p> <p>Packing Weight: 0.9KG</p> |
| Working Environment | <p>Working Temperature: -40°C ~ +80°C</p> <p>Storage Temperature: -40°C ~ +85°C</p> <p>Relative Humidity: 5%~95% RH Non condensing</p> |
| Mechanical Properties | <p>IEC60068-2-6 (Anti Vibration), IEC60068-2-27 (Anti Shock),</p> <p>IEC60068-2-32 (Free Fall)</p> |

Dimensions

