

# VT-G16POES

## 19-Port Full Gigabit PoE Fiber Switch



### Overview

The VT-G16POES is an Unmanaged Gigabit PoE Fiber switch independently developed by VidoNet. It has 18\*10/100/1000Base-T RJ45 ports and 1\*1000Base-X Uplink SFP fiber port. Port 1-16 can support PoE+ power supply and single-port PoE power up to 30W. The PoE port supports the watchdog function. When the port communication fails, the POE of the corresponding port will automatically restart, and the network communication will be restored by itself without affecting the normal operation of other ports, reducing manual intervention and maintenance costs.

### Interface

- 16\*10/100/1000M PoE Port (Data/Power)
- 2\*10/100/1000M Uplink RJ45 Port (Data)
- 1\*1000Base-X Uplink SFP Fiber Port (Data)

### Feature

- Up to 250 Meter transmission at "Extend" model
- Lightning protection: 4KV 8/20us; Protection level: IP30
- AI Watchdog Function
- Plug-and-Play, requires no configuration

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.

- Full gigabit access, high speed forwarding
- Intelligent PoE power supply
- Innovative function
- Stable and reliable
- CCC, CE, FCC, RoHS

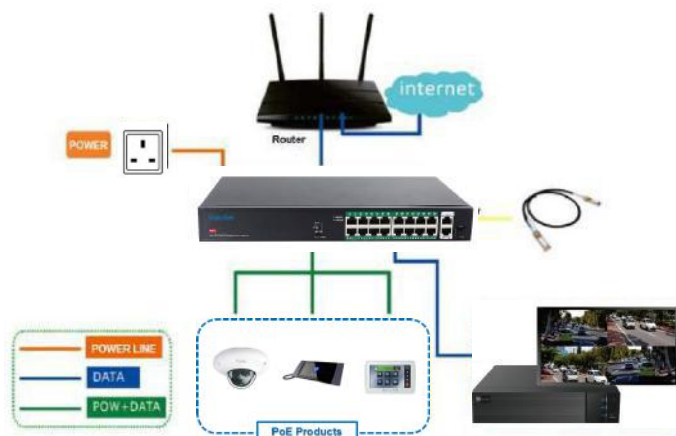
## Specifications

Model No.	VT-G16POES
Interface	16*10/100/1000M PoE Port (Data/Power) 2*10/100/1000M Uplink RJ45 Port (Data) 1*1000Base-X Uplink SFP Fiber Port (Data)
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports: 1 - 16 port support PoE
	Power Output:
	Max. 15.4 watts (IEEE 802.3af)
	Max. 30 watts (IEEE802.3at)
	PoE port Auto detect AF/AT devices
	Power Pin Assignment: 1/2+; 3/6-
	Power Type: End-span( Mid-span optional)
Ethernet Port	1-18 can support 10/100/1000Base-T automatic detection, full/half-duplex MDI/MDI-X auto-sensing

Performance Specification	<p>Bandwidth: 38Gbps (Non-blocking)</p> <p>Packet Buffer Memory: 4M</p> <p>Pack Forwarding Rate: 28.27Mpps</p> <p>MAC Address Table: 4K</p>
Installation	Desktop, Wall-mounted
Jumbo Frame	9.2K
Forwarding Mode	Store and Forward(Full Wire Speed)
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
LED Indicator	<p>Power: PWR (Green)</p> <p>Network: Link (Green)</p> <p>PoE: PoE (Red),</p> <p>Functional Switch: 100m/250m (Green)</p>
Total PWR / Input Voltage	250W/ (AC100-240V)
Power Consumption	Standby <5W, Full load <250W
Power Supply	<p>Built-in power supply</p> <p>AC100~240V 50-60Hz 4.1A</p>
Network Protocol	<p>IEEE802.3 10BASE-T,</p> <p>IEEE802.3i 10Base-T,</p> <p>IEEE802.3u 100Base-TX</p> <p>IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x</p>
Twisted Pair Transmission	<p>10BASE-T: Cat3,4,5 UTP(≤250 meter)</p> <p>100BASE-TX: Cat5 or later UTP(≤100 meter)</p> <p>1000BASE-T: Cat5e or later UTP(≤100 meter)</p>

Functional Switch	250m: long-distance function (Default off, Use:on), After opening, port 9-16 support 10M/250m transmission and PoE watchdog function
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+80°C, 5%~95% RH Non condensing
Dimension (L*W*H)	350*215*44mm
Net /Gross Weight	<0.65kg / <0.95kg
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1 FCC Part 15 Class B, RoHS

### APPLICATION



### DIMENSION

