



## 3-Port Gigabit PoE Switch

### VT-G2PE

#### Overview

The VT-G2PE is a gigabit PoE switch. It has 3\*10/100/1000M RJ45 ports. Port 1-2 can support IEEE802.3af/at standard PoE power supply, and single port PoE power reaches 30W. Adding a 10M/250-meter long-distance functional switch to the power supply port breaks through the twisted-pair transmission limit of 100 meters, effectively solving network transmission within 200 meters. 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, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises.

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

## High Performance

- Full Gigabit access
- 3-Port Gigabit PoE Switch
- long distance transmission
- IEEE 802.3af/at I
- Store and forward
- Stable and reliable

## Certification

- Lightning protection: 4KV 8/20us
- Protection level: IP30
- 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



## 3-Port Gigabit PoE Switch

### VT-G2PE

#### Full Gigabit access, full wire speed forwarding

- Full wire-speed high-speed forwarding, which facilitates flexible networking of users and meets networking requirements in various scenarios
- Support non-blocking wire-speed forwarding
- Support full-duplex based on IEEE802.3x and half-duplex based on Back pressure

#### Smart PoE power supply function

- 2\*10/100/1000Base-T RJ45 ports support PoE, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios
- 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

- CCC,CE, FCC, RoHS
- Plug and play, no configuration, simple and convenient
- Low power consumption, fan-less silent design, advanced ABS and PC flame-retardant plastic shell is exquisite and beautiful
- Self-developed power supply, high redundancy design, providing a long term and stable PoE power output
- The user-friendly panel, it can show the device status through the LED indicator of PWR,Link, PoE

## Specifications:

Model	VT-G2PE
Fixed Port	2*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink RJ45 port (Data)
Ethernet Port	Port 1-3 support 10/100/1000Base-T,auto-sensing,Full/half duplex MDI/MDI-X self-adaption
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)
Functional Switch	100m: 100m transmission; default 250m: 250m transmission; default: "OFF", enable: "ON"
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	12Gbps(non-blocking)
Forwarding Rate@64byte	4.46Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (green), Data: Link(yellow), POE: PoE (green)

<b>PoE &amp; Power Supply</b>	
PoE Port	Port 1 to 2 IEEE802.3af/at @ POE
Power Supply Pin	Default 1/2 (+), 3/6 (-), Optional 4/5(+), 7/8(-)
Max Power Per Port	30W; IEEE802.3af/at
Power Consumption	Standby<4W,Full load<65W
Total PWR / Input Voltage	65W (52V)
Input Voltage and Interface	DC power supply, DC48-57V, DC5521 power terminal connection
Power Supply	external power adapter AC 100 ~ 240V 50-60Hz 1.1A
<b>Physical Parameter</b>	
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	103*50*29mm
<b>Certification</b>	
Lightning protection / protection level	Port lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC,CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS