

VT-G28PFCM

28-port Gigabit Easy Managed PoE Switch



Overview

The VT-G28PFCM is a Gigabit Easy managed PoE switch independently developed by VidoNet. It has 24*10/100/1000Base-T adaptive RJ45 ports and 4*10/100/1000Base-T uplink RJ45 and 4*1000Base-X uplink SFP fiber combo ports. Port 1-24 can support IEEE 802.3af/at PoE standard and single-port PoE power up to 30W. As a PoE power supply device, it can automatically detect and identify powered devices that meet standards and power them through network cables.

Physical Port

- 24*10/100/1000Base-T PoE ports
- 4*10/100/1000Base-T uplink RJ45 ports
- 4*1000Base-X uplink SFP fiber cmobo ports

Power Over Ethernet

- Up to 24 ports of IEEE 802.3af/at
- Auto detects powered device
- Circuit protection prevents power interference between ports
- Extreme Optimization, minimalist application

The VT-G28PFCM can support Web management and NMS management platform and cloud management APP management to realize security network storm control, port management, VLAN configuration, remote operation and maintenance, and other functions. It has high reliability, is easy to install and maintain, has fast switching functions, and multiple access ports, and is suitable for accessing LAN devices of various sizes.

L2 Management

- Support IEEE802.3x flow control configuration
- Web Management, CLI
- Supports physical VLAN isolation
- Broadcast storm suppression

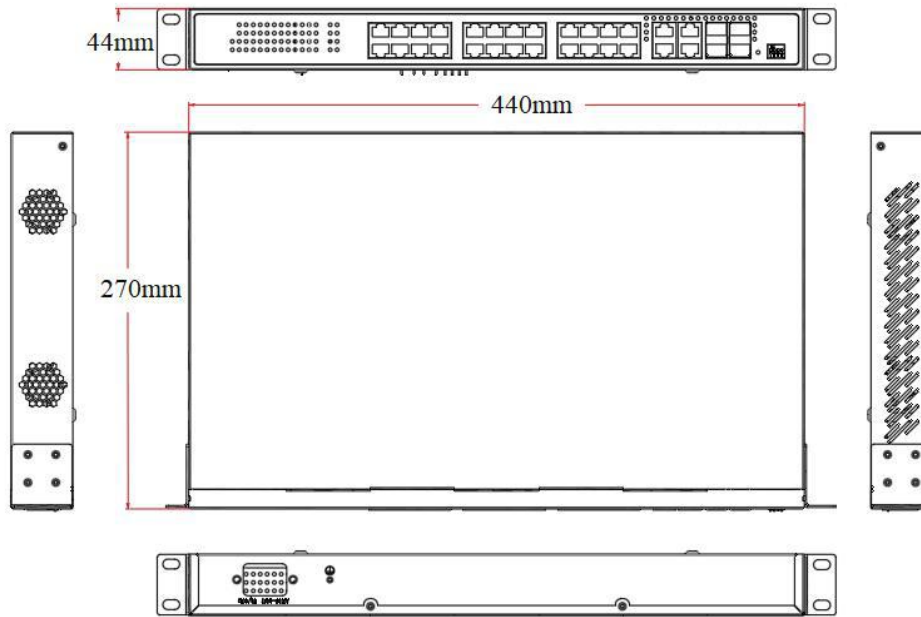
Specifications

Model No.	VT-G28PFCM
Interface Characteristics	
Fixed Port	<ul style="list-style-type: none"> • 24*10/100/1000Base-T PoE ports • 4*10/100/1000Base-T uplink RJ45 ports • 4*1000Base-X uplink SFP fiber cmobo ports
Ethernet Port	Port 1-24 can support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption
Twisted Pair Transmission	10BASE-TW Cat3,4,5 UTP (≤100 meters) 100BASE-TXW Cat5 or later UTP (≤100 meters) 1000BASE-TW Cat5e or later UTP (≤100 meters)
Optical Fiber Port	Gigabit optical fiber interface, default no included optical module (optional single-mode/ multi-mode, single fiber/ dual fiber optical module. LC)
Optical Cable/	Multi-mode: 850nm/ 0-550m, Single-mode: 1310nm/ 0-40km, 1550nm/ 0-120km.
Chip Parameter	
Network Management Type	L2 (Web management, platform management)
Network Protocol	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X, IEEE 802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	56Gbps (non-blocking)
Forwarding Rate @64byte	41.66Mpps

CPU	500MHz
DRAM	1G
FLASH	128M
MAC	8K
Buffer Memory	4M
Jumbo Frame	10K
LED Indicator	Power: PWR (Green), System: SYS (Green), Network: Link (Green), PoE: PoE (Red), Fiber port: L/A (Green)
Reset Switch	Yes, press and hold the switch for 10 seconds and release it to restore the factory settings
PoE & Power Supply	
PoE Port	Port 1-24
PoE Management	PoE power supply total power limit configuration Power delay start, PoE work and time scheduling Port PoE working status display, Port PoE output priority configuration Port PoE output power distribution, PoE on/off, af/at power distribution
Power Supply Pin	1/2(+) 3/6 (-)
Max Power Per Port	30W, IEEE 802.3 af/at
Total PWR / Input Voltage	400W/ (AC100-240V)
Power Consumption	Standby<16W, Full Load<400W
Power Supply	Built-in power supply, AC100~240V 50-60Hz, 5.0A
Physical Parameter	
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)	440*270*44mm

Net /Gross Weight	2.9kg/3.7kg
Installation	Desktop, 1U/19" cabinet
Certification	
Lightning Protection	Lightning protection: 6KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
Network Management Feature	
Interface	Port status display, Port traffic statistics Port duplex/ negotiation rate configuration EEE Energy-saving and green Ethernet function IEEE802.3x flow control configuration (Full-duplex)
VLAN	Port-based IEEE802.1Q VLAN configuration (4K)
Security	Broadcast storm suppression
Management	One-key recovery, Web Management Mobile APP operation and maintenance management NMS platform management (Local platform/ Cloud platform)
System	Web browser: Mozilla Firefox 2.5 or higher, Google Chrome V42 or higher, Cat5 and above Ethernet cable TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, Mac OS X) installed on each computer in the network Cat5 and above Ethernet cable

DIMENSION



APPLICATION

