PE242-300-G
24 Ports 10/100/1000Mbps PoE Ethernet Switch

- 24*10/100/1000M PoE Port +2*gigabit SFP Ports (10/100/1000 Mbps self-adaptation)
- Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3z
- Comply with IEEE802.3at (30W) and IEEE802.3af (15.4w)
- Support RJ45 Auto-MDI/MDIX
- With panel indicator for monitoring status and failure analysis
- Support dialing VLAN, Default and Extend Mode
- With Port 1 to 8 for QoS data priority
- 2KV/1KV (common mode/differential mode) Surge Protection to protect from the sudden lightning surge in harsh environment

Brief Introduction

PE242-300-G is an advanced Ethernet PoE switch, providing a network point for data transmission and power supply, and supporting 10/100/1000 Mbps negotiated Ethernet interfaces or ports. It has 24 Gigabit PoE ports that can provide standard IEEE802.3af/at power supply through network cables.

Because of the advanced self-sensing algorithm for supplying power over IEEE802.3af/at, the connected PoE or non-PoE standard equipment is safely protected.

It can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, hotels, and schools, contributing to a high-performance network.

Specifications

Network Parameters	Model Number	PE242-300-G
	Port Type	24*10/100/1000M PoE ports+ 2 gigabit SFP ports
	Switching Capacity	52Gbps
	Packet Forwarding Rate	38.68Mpps
Standards	Internal Cache	4M
	MAC Address Table	8K
	Jumbo Frames	9.6Kbytes
	Forwarding Mode	Store-and-Forward switching
Standards	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x	
	IEEE802.3af（15.4W） IEEE802.3at（30W）	
	10Base-T: Cat3/Cat4/Cat5/Cat5e UTP/STP(≤100m) 100Base-TX : Cat5/Cat5e UTP/STP(≤100m) 1000Base-TX : Cat5/Cat5e UTP/STP(≤100m) Multimode fiber: 50/125、62.5/125、100/140um Monomode fiber: 8/125、8.7/125、9/125、10/125um	
Working Mode	VLAN	Ports 1 to 24 in isolation group cannot communicate with each other, but can communicate with 2 gigabit SFP ports respectively
	Default	All the ports of the switch can communicate with each other
	Extend	Ports 17 to 24 support the work on 10 Mbps, and reach up to 250 m transmission

Indicator-light	PWR	Power indicator	On	Powered
			Off	Abnormal
	1000M	Light	On	Work on 1000 Mbps
			Off	Work on 100 Mbps or Link Disconnect
	ACT	1-24	On	Link Connection
			Flash	Data Transmission
			Off	Link Disconnect
Power supply		Input AC100~240V 50-60Hz 52V/5.76A output		
General	Operating Temperature		-20~50℃	
	Storage Temperature		-40~85℃	
	Operating Humidity		10%~90%, non-condensing	
	Storage Humidity		5%~90%, non-condensing	
	Product Dimensions(L*W*H)		440*205*44(mm)	
	Packing Dimensions(L*W*H)		500*290*85(mm)	
	Net Weight		2.82kg	
	Gross Weight		3.38kg	

Ordering Information

Product Type	Part Number	Description
Ethernet Switch	PE242-300-G	24 Ports 10/100/1000Mbps Ethernet Switch

Dimensions (mm)

205mm
44mm
440mm