

# PE242-300-C

## 24 Ports 10/100Mbps PoE Switch



- 24\*10/100M RJ-45(POE)+2\*10/100M RJ-45+2\*1000 SFP
- Conforms to IEEE 802.3,IEEE 802.3u and IEEE802.3af/at
- The max. PoE power output is 15.4 W (IEEE 802.3af)/ 30 W (IEEE 802.3at)
- 250 meters of PoE transmission distance of power and data (Cat 6 )
- MDI/MDIX self-adaptation
- Store-and-forward switching
- Lightning protection

### System Overview

PE242-300-C is an advanced PoE switch providing a network point for data transmission and power supply. It has 24 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.

### Specifications

Model Number	PE242-300-C	
Port	24*10/100M RJ-45(POE)+2*10/100/1000 RJ-45+ 2*1000 SFP	
Network Protocol	IEEE802.3, IEEE802.3u, IEEE802.3x,IEEE802.3af /at	
POE	PoE Standard	IEEE802.3af/IEEE802.3at
	PoE Consumption	Max 15.4 W (IEEE 802.3af)/30 W (IEEE 802.3at)
	PoE Compatibility	IEEE 802.3af/at self-adaptation
	Output Voltage	DC48V
	Power Supply	1/2+ ; 3/6-; 4/5+,7/8- (Option)
Network Cable	10Base-TX: Cat6a UTP/STP(≤250m) 100Base-TX: Cat5e UTP/STP(≤100m) 1000Base-TX: Cat5e UTP/STP(≤100m)	
Optical Fiber	1310nm, 2Km (Multimode fiber) 1310nm, 20/40 Km; 1550nm, 60/80/100/120Km (Monomode fiber)	
Backplane Bandwidth	10.8Gbps	
Buffer Memory	2.7M	
Packet Forwarding Rate	Each port 0.1488M pps/ 1.488Mpps	
MAC Size	4K	
Switching	Store-and-Forward	

Power Consumption	300W			
Supply Voltage	AC110-250V input			
Light Indicator	PWR	Power indicator light	On	Power-on
			Off	Power-off
	SW	Dial light	Off	Normal mode
			On	Vlan mode
			Flash	Extend mode
	1-27	Link light	On	Link connection
			Flash	Data transfer
			Off	Link failure
	Work Environment	Working Temperature		-20°C ~ 50°C
Storage Temperature		-40°C ~ 80°C		
Working Humidity		Max 90%,non-condensing		
Storage Humidity		Max 95%,non-condensing		
Dimension (L*W*H)	320mm*207mm*45mm			
Weight	2.0kg			

### Ordering Information

Product Type	Part Number	Description
PoE Switch	PE242-200-C	24*10/100M RJ-45(POE)+2*10/100/1000 RJ-45+ 2*1000 SFP; IEEE802.3af/at;Long distance 250 meters(Cat 6)

### Dimensions (mm)

