PWR-POE-16

16-Port 10 / 100 / 1,000 Ethernet PoE Switch

Power-over-Ethernet (PoE) integrates 48V power and data onto a single cable, eliminating the need to have AC power available at all equipment locations. Power and Data are integrated onto the same cable, supporting both Cat5E and Cat6 wiring.

The switch provides power to PoE compatible devices, such as VOIP Telephones, Wireless LAN access points, and IP Security Cameras. PoE devices are readily in the market, saving up to 50% of overall installation costs by eliminating the need to install separate electrical wiring and power outlets.

Revision: 1.0; August 2017

SPECIFICATIONS

Technical

Ethernet Ports	2 – 10 / 100 / 1,000 Base-T 16 – 10 / 100 Base-T PoE Power Supply
PoE Power Consumption	≤ 30W / port; ≤ 250W Total
PoE Protocols	IEEE802.3af & IEEE802.3at
Switching Capacity	24.8G
Packet Forwarding Rate	5.36Mpps
Operating Humidity	10% - 90%
Power	AC100 / 40V
Lightning Protection	Common Mode: 2KV Differential Mode: 1KV
Operating Temperature	4°F ~ 131°F / -10°C ~ 55°C
Weight	5.93lbs. / 2.69kg
Dimensions (W×D×H)	17.4"×4.9"×1.8" / 442mm×124mm×44.5mm

Service Characteristics

System	Username / password: admin/admin IP Address :192.168.1.200/24

PoE Budget	250W
MAC Table	16K
VLAN	Port-based VLAN 802.1Q Standard VLAN
Spanning Tree	STP RSTP
Port Aggregation	Link aggregation
Mirroring	Supports many-to-one port mirroring
Flow Control	Supports half-duplex based on back-pressure type control Supports full duplex based on PAUSE frame
Multicast	IGMP Snooping
Security Features	Hardware supports IP & MAC binding based on port Supports IEEE802.1x port authentication
System Maintenance	Supports config file upload & download Supports updated packet upload Supports system logs
Network Management	Web GUI (HTTP & HTTPS supported)

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