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CADDX SYSTEMS INC.

16CH Full Gigabit POE Switch-(16+4+4) Model

No.:CA-16G44GBGB (Support 1U Standard rack)

Product Describe

The Poe switch provides power and data from a single point, using Power over Ethernet (Poe) over a single Cat-5 cable. It can be used for any 10/100/1000Mbps link and supply industry-standard IEEE 802.3af power. Advanced auto-sensing algorithm gives power to 802.3af end devices, in addition, the Poe switch automatically determines Poe requirements, speed, duplex, and cable type using AutoUplink. Easy to operate and reliable.

The Poe switch is ideal for powering Poe devices such as IP cameras, WLAN access point, IP phones, office access control systems, and other PD devices and offers a line of high-quality products that provide a total solution for Ethernet application in different environments.

16 CH Full Gigabit POE Switch(24+4+4)



- ◆ 16*1000mbps POE port,4*1000mbps UP-Link port,4*1000mbps SFP
- ◆ 100m Transmission Distance,1-16 port support VLAN mode
- ◆ Compatible with IEEE802.3AF/AT
- ◆ Whole Power:250W (50V 5A) Full duplex
- ◆ All port supported by MDI/MDIX auto flip and self-negotiation
- ◆ Supply 16pcs 100/1000Mbps adaptive high-speed forwarding data packet on-lost port.
- ◆ Each port max. power supply reached 30W.
- ◆ Low heat design, safe and reliable, high stability
- ◆ Application:
 - ◆ Wireless Access Point
 - ◆ IP Camera
 - ◆ IP Phone
 - ◆ Computer Networks

Technical Specification

Product Name	16CH Full Gigabit POE Switch(16+4+4)
Product Model	CA-16G44GB
DATA PIN	1/2+,3/6-
Power Supply Type	Build In, Both 1/2+,3/6- and 4/5+7/8-
Poe Output Power	15.4W/30W
Connector	16*1000mbps POE port,2*1000mbps Uplink port,4*1000mbps SFP
Network Medium	Cat5 (UTP) or more

Technology	
Network Standards	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
Poe power	15.4W per port (IEEE 802.3af). Wiring: Data & power provided over pairs 1/2 and 3/6 or 4/5 (+) and 7/8(-)
Processing types	Store-and-forward Half-duplex back pressure and IEEE 802.3x full-duplex flow control
Address database Table Size	8K MAC address
Buffer memory	48Kb embedded memory per unit
Backboard Bandwidth	56Gpbs Full duplex
Network Latency	Less than 20us for 64-byte frames in store-and-forward mode for 100Mbps to 100Mbps transmission
Power	
Input	50V 5A 250W
PoE power consumption	15.4W per port (IEEE 802.3af)
Overload current protection	Present
Mechanical	
Casing	Metal
Installation	Rack mounting
Interface	
LED Indicators	System: Power, Poe Maximum power Per port: Link, Activity, Speed, Poe active, Poe error
Environment specification	
Operating temperature	-10-55°C (32-104°F)
Storage temperature	-40-70°C (14-158°F)
Operating humidity	90% maximum relative humidity, non-condensing
Storage humidity	95% maximum relative humidity, non-condensing
Regulatory Approval	
ISO	Manufactured in ISO9001 facility
Safety	CE/CCC/FCC
Warranty	2 years
Dimensions	440*285*55mm (L*W*H)
Weight	N.W:3.5Kg G.W:4.1Kg

Package List

Package List	16CH Full Gigabit POE Switch (16+4+4)*1
	User Guide*1
	Warranty Card*1
	Power cable*1
	Bracket*2, Screws*8

Product Details



Application Diagram

