



SmartH



Hello, Smart Home



8 port gigabit POE switch

Modern business networks are used for increasingly diverse applications – traditional data streams, VoIP voice traffic, video output from digital security cameras and remote control devices to name a few. The range of devices attached to today's converged network often need to be supported not just in terms of data – equipment such as VoIP IP telephones and Wireless Access Points frequently need to be powered in physical locations where mains power is not available or difficult to deliver. Providing power to such devices via an Ethernet UTP cable is an elegant and easy to implement solution.

The 10 Port 10/100/1000Mbps/ 8 Port PoE Switch offers advance switching controls and provides power to network devices using Ethernet cables.

compatible to IEEE802.3af/at. It can power both existing 10/100/1000Base-T network devices Wi-MAX and wireless IEEE 802.11n access points.



Ordering Information

Part Number	Description
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	POE switch: 10 Port 10/100/1000Mbps Switch/8 Port PoE
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High Performance Wire-Speed Switching

The POE switch offers 10 10/100/1000Mbps Fast Ethernet ports . The Ten Gigabit TP ports can be either 1000Base-T for 10/100/1000Mbps o interface. PSE1008G boasts a high performance switch architecture that is capable of providing non-blocking switch fabric and wire-speed throughput as high as 16Gbps. Its built-in GbE uplink ports also offer incredible extensibility, flexibility

and connectivity to the Core switch or Servers.

Features

- Up to 30W of Power on
- IEEE 802.3af/at
- Compatible With All IEEE 802.3af/at or Legacy
- Safe: Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Supports 10/100/1000 Base-T applications
- Compact Design Fits Easily in WLAN Access
- Plug-and-Play no configuration required
- Internal power supply
- Easy installation and maintenance
- Save up to 83% power with Green Technology
- complies to IEEE 802.3af PoE standard and is backward

Watchdog -Automatic restart detection AI

250Meter -Long distance running

VLAN(10Mbps VLAN or 10/100Mbps VLAN with Watchdog)

Lightning protection 4KV

Hardware Specification	
1000Mbps Copper Ports	10* 10/100/1000Mbps RJ-45 Auto-MDI/MDI-X ports
Switch Architecture	Store-and-Forward
Switch Fabric	20 Gbps / non-blocking
Switch Throughput	14.88Mpps @64Bytes
Address Table	8K entries
Flow Control	Back pressure for Half-Duplex IEEE 802.3x Pause Frame for Full-Duplex
LED	Power (Green) ;POE(yellow) 1000Mbps (yellow) ;LINK / ACT (Green)

Reset Button	< 5 sec: System reboot > 5 sec: Factory Default
Power Requirement	100~240V AC, 50-60 Hz
Power Consumption	120 Watts maximum
Power over Ethernet	
PoE Standard	IEEE 802.3af/at Power over Ethernet
PoE Power Supply Type	End-Span
PoE Power Output	48V DC, 350mA~600ma . Max. 30 Watts
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	130 Watts
Max. number of Class 3 PD	8