

# 24 FE POE+2GE Uplink POE Switch

P124GH



## OVERVIEW :

Stonet P124GH is a 28 Ports standard POE switch that provides 24 FE POE ports , 2 Gigabit Up-link ports and 2 SFP fiber port. Ports 1~24 features POE power supply capability and can be used as Power over Ethernet devices. The power supply port can automatically detect and recognize the powered device that complies with the IEEE 802.3af/at standard and supply power through the network cable. 2 Gigabit uplink ports ensure a smooth transmission for NVR or up-link routers. P124GH is a most economical solution for HD security network.

## FEATURES :

- Supporting 802.3, 802.u Faster Ethernet, IEEE 802.3ab 1000BASE-T;
- Supports POE IEEE 802.3af/at compliant Powered Device (PD)
- Modes: Normal switch mode/Extended mode(Port1-24:250Metres ultra-long transmission)
- Ports 1~24 features POE power supply capability and can be used as Power over Ethernet devices; 2\*10/100/1000Base-T Uplink and 2\*1000Base-X SFP.
- Support full duplex based on IEEE802.3x and half duplex based on Backpressure
- Auto MDI/MDIX crossover for all ports
- Support non-blocking wire speed forwarding
- MAC address auto-learning & auto-aging
- Steel case, the total POE power budget of 320W
- Just Plug and Play

## SPECIFICATION :

Hardware	
Interface	24*10/100M POE ports (Data /Power) 2*10/100/1000M Uplink RJ45 ports (Data) 2*1000M uplink SFP slot port (Data)
Basic function	Follow IEEE 802.3 Ethernet and IEEE802.3u Fast Ethernet Protocol Supports POE IEEE 802. 3af/at compliant Powered Device (PD) Store-and-forward switching scheme Support IEEE802.3X full duplex and Backpressure half duplex MAC address auto-learning & auto-aging
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3af/at, Power over Ethernet IEEE 802.3x Flow Control
Mode	Normal switch mode/Extend mode
Data Transfer Rate	Ethernet : 10Mbps(Half-duplex);20Mbps(Full-duplex) Fast Ethernet :100Mbps(Half-duplex);200Mbps(Full-duplex) Gigabit Ethernet:2000Mbps(Full-duplex)
Store & Forwarding	Yes
Switching Capacity	12.8G
MAC Address Table Size	16K
Jumbo Frame	2048 byte
Environment	Operation Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operation Humidity: 10%~90% RH Non-condensing Storage Humidity: 5%~90% RH Non-condensing
Power Input POE Standards	Single port maximum power 30W, Whole switch maximum power 320W Supporting over-current, over-voltage and short-circuit protection Supporting Soft Start of High Power PD Support sequential boot-up Power Supply Pin:12+/36- AC 110~240V 50/60HZ

Cabling type	1000BASE-T : Cat5e or better UTP( $\leq$ 100m) 100Base-TX: Cat 5e or better UTP/STP( $\leq$ 100m) 10Base-TX: Cat 5e or better UTP/STP( $\leq$ 250m)
Dimensions	440mm*180mm*43mm(L x W x H )

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