

# 16 GE POE+2GE Uplink POE Switch

P116GC



## OVERVIEW:

Stonet P116GC is a 18 Ports standard POE switch that provides 16 GE POE ports , 2 Gigabit Up-link ports. Ports 1~16 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. P116GC is designed for HD CCTV network or high speed wireless network systems.

## 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/Watch dog model(automatically manage CCTV cameras power supply)/VLAN model
- Ports 1~16 features gigabit POE power supply capability and can be used as Power over Ethernet devices; 2\*10/100/1000Base-T Uplink
- 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 200W
- Just Plug and Play

SPECIFICATION:

Hardware	
Interface	16*10/100M/1000M POE ports (Data /Power) 2*10/100/1000M Uplink RJ45 ports (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/VLAN&watch dog model
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	36G
MAC Address Table Size	2K
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 200W 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(≤100m) 100Base-TX: Cat 5e or better UTP/STP(≤100m) 10Base-TX: Cat 5e or better UTP/STP(≤250m)
Dimensions	280mm*180mm*43mm(L x W x H )