

# 16GE POE+2GE Uplink Switch

P116GC



## OVERVIEW:

Netis P116GC provides 16 1000M adaptive POE power supply ports, 2 1000M Uplink. The POE ports could automatically detect and identify the powered devices in accordance with the IEEE 802.3AT/AF standard and power them through the network cable, which could be used as an Ethernet power supply device. Supports two modes: Normal Mode/Port VLAN + Watch Dog Mode (Port isolation + 24 hours intelligent detection and troubleshooting capabilities. Automatically restarts problematic ports). The intelligent Buffer buffer optimization set specifically for monitoring maximizes the utilization of switch cache and reduces the phenomenon of screen jam and port packet loss caused by sudden large video flow on individual ports.



#### FEATURES:

- 16 10/100/1000M adaptive POE powered ports, 2 10/100/1000Mbps adaptive Uplink
- Follow IEEE 802.3 Ethernet and IEEE802.3u Fast Ethernet Protocol
- POE IEEE 802.3af/at compliant Powered Device (PD)
- Supports two modes: Normal Mode/Port VLAN + Watch Dog Mode
- Auto MDI/MDIX crossover for all ports
- Support full duplex based on IEEE802.3x and half duplex based on Backpressure
- All ports have wire-speed forwarding capability
- MAC address auto-learning & auto-aging
- Power supply: built-in 240W



## SPECIFICATION:

Hardware	
Interface	16*1000Mbps POE RJ45 ports + 2*Gigabit RJ45 Uplink
LED	PWR: Lighting - The device is powered on normally AI: Lighting - The intelligent mode is enabled Port: Lighting - Port link is normal Blinking - Data in transit
Mode	Normal Mode Port VLAN + Watch Dog Mode
Backplane bandwidth	36G
MAC Address Table Size	2K
Cabling type	1000Base-T: 4 pairs of Cat5e or above UTP/STP(≤100m) 100Base-TX: 2 pairs of class 5 (Cat5) or more UTP/STP(≤100m) 10Base-TX: 2 pairs of class 5 (Cat6) or above UTP/STP(≤250m)
Power supply	AC input 100-240V,50-60Hz, standard 240W power supply
Software	
Basic function	Follow IEEE 802.3 Ethernet and IEEE802.3u Fast Ethernet Protocol Support POE IEEE 802. 3af/at compliant Powered Device (PD) Store-and-forward switching scheme Compatible with certified non-standard electrified equipment (PD) Support IEEE802.3X full duplex and Backpressure half duplex MAC address auto-learning & auto-aging VLAN port isolation
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
Data Transfer Rate	10Mbps(Half-duplex and Full-duplex) 100Mbps(Half-duplex and Full-duplex) 1000Mbps(Full-duplex)
Others	
Environment	Operation Temperature: 0℃~40℃ Storage Temperature: -40℃~70℃ Operation Humidity: 10%~90% RH Non-condensing Storage Humidity: 5%~90% RH Non-condensing
Dimensions	270*180*45mm(L x W x H )