# Gigabit Network Switches

**P16S18G**  18-port Gigabit Network Switch with 16-ports PoE

2 YEAR WARRANTY

## Features

· 16-PoE ports with 2 uplink ports
· 10/100/1000 speed
· 802.3af/at
· Multi-Mode for custom security levels:
  - Default: All ports are free to communicate
  - VLAN: Downlink ports are isolated from each other but can communicate with uplink ports
  - Flow Control: Enables network flow control between nodes and is suitable for video surveillance

## NDAA COMPLIANT

*Products are in compliance with NDAA Section 889 Part B Guidelines

| Specifications | |
| --- | --- |
| **Ethernet Ports** | |
| Downlink Ports | 16*10/100/1000 Base-T PoE RJ-45 (Auto-MDI/MDI-X) |
| Uplink Ports | 2*10/100/1000 Base-T RJ-45 2*1000 Base-X SFP(Mini-GBIC) |
| **PoE** | |
| PoE Standard | IEEE 802.3af/at  PSE |
| PoE Power Supply Type | End-span |
| PoE Pin Assignment | 1/2 + , 3/6 - |
| PoE Power Output | 54V DC |
| PoE Power | 30W max for each port, 175W max |
| **Switch Property** | |
| Standards | IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3X |
| Forwarding Modes | Store and Forward |
| Packet Buffer | 4Mbyte |
| MAC Table | 8k |
| Switching Capacity | 40Gbps / non-blocking |
| Packet Forwarding Rate | 28Mpps |
| **Power Supply** | |
| Input Voltage | 100V~240V AC, 50/60Hz |
| Power Consumption | 200W (Including PoE) |
| **Reliability** | |
| Surge Immunity | 6kV, Standard: IEC6000-4-5 |
| ESD | 6 kV Contact Discharge, 8kV Air Discharge, standard: IEC61000-4-2 |
| Operating Temperature | 14F~122F (-10C to 50C) |
| Storage Temperature | -40F~185F (-40C to 85C) |
| Operating Humidity | 5%~95% (Non-condensation) |
| **Physical Parameters** | |
| Led Indicators | 1*PWR Indicator<br>16*Downlink Port Link Indicators<br>16*Downlink Port PoE Indicators<br>4*Uplink Port Link Indicator |
| Dimension(W*D*H) | 17.4" x 11.2" x 1.7" (442mm*285mm*44mm) |
| Gross Weight | 11 Lbs.(5000g) |
| Net Weight | 8.4 Lbs. (3800g) |
| Material | Metal |
| Installation | Rack mounted/ desktop/ wall mounted |

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