

**P24S26G** 26-Port Gigabit Switch with 24-PoE Ports and 2 SFP Uplink

Text

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Thank you for your purchase of the **P24S26G** PoE switch. This switch can provide Power over Ethernet for up to 24 cameras. It has two SFP ports and includes adapters for RJ-45.

**FEATURES**

* VLAN mode to isolate ports
* Extend mode for port 17-24 to extend signal up to 820’
* Support for IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
* Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w)
* Supports port lightning protection Surge: common mode 2KV, differential mode 1KV; static ESD: air 15KV, contact 8KV

**INSTALLATION PRECAUTIONS**

* Do not install the equipment in a damp environment, or one at risk of seepage, drip or condensation, otherwise the equipment might burn out
* Please install the unit in a well-ventilated environment and never block the cooling holes on the unit
* Do not install the equipment in a dusty or dirty environment
* If rack switches are in a natural heat dissipation environment, please ensure the separation distance exceeds 1U
* Do not install outdoors or utilize aerial cabling outdoors, otherwise the equipment is at risk of lightning strike

**SAFETY PRECAUTIONS**

* Do not look directly in the optical port to prevent the laser beam from burning your eyes
* Do not install the power cord with power on to avoid personal injury
* Do not supply power before equipment is installed and wired
* ESD protection is necessary during the installation and maintenance of equipment
* Do not place objects on the device

**OPERATION**

*Switch States:*

Function Definition State Description

VLAN Port isolation Light on Designated ports will not communicate with each other

Extend Signal extension Flash When activated, ports 17-24 can be extended to 820’ (250m)

Default Standard mode Light off All ports communicate with each other

Reset Reset button Flash Short press will restart, long press for 5 seconds will restore defaults

Max Power Display Green PoE power output ≤25%

Yellow PoE power output ≤50%

Orange PoE power output ≤75%

Red PoE power output ≥75%

*Indicator Definition:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Indicator** | **Definition** | **State** | **Description** |
| PWR | Power  Indicator | Light on Light off | Powered  Abnormal |
| SYS | System  Indicator | Light on  Flash | System Normal System Starting |
| PoE | PoE  Indicator | Light on Light off | PoE Powered No PoE Powered |
| 1000M | Link Rate | Light on Light off | Gigabit  10/100M |
| 100M | Link Rate | Light on Light off | 100M  Link Disconnect |
| Link/ACT | Link &Data | Light on  Flash | Link is Normal  Data Transmission |
| Mode/SW | Dial Switch Indicator | Light on  Flash  Light off | VLAN  Extend  Default |
| Loop | Loop Alarm | Light on | Port Loop |

*PoE Power Function:*

1. Diagram

   Description automatically generatedStandard PoE power supply includes: protocol detection, power pin sequence detection, power output, abnormal protection, and abnormal link monitoring
2. The PoE power supply protocol includes: IEEE802.3af (15.4W), IEEE802.3at (30W), IEEE802.3bt (90W)
3. The standard PoE power pin sequence is 12+/36-, and the passive PoE power pin sequence is 45+, 78-
4. Standard PoE switches can automatically detect and supply power to devices that meet the standard, while non-PoE devices are not powered and only transmit data.

**SPECIFICATIONS**

|  |  |
| --- | --- |
| **I/O Interface** | |
| Power | Input: AC 100-240V, 50/60Hz |
| Ethernet | 24\*10/100/1000M PoE Port  2\*Gigabit SFP Port |
| **Performance** | |
| Switching Capacity | 52Gbps |
| Throughput | 38.7Mpps |
| Packet Buffer | 4M |
| MAC Address | 8K |
| Jumbo Frame | 9KB |
| Transfer Mode | Store and forward |
| MTBF | 100000 hours |
| **Standard** | |
| Network Protocol | IEEE802.3 (10Base-T)  IEEE802.3u (100Base-TX)  IEEE802.3ab (1000Base-TX)  IEEE802.3z (1000Base-FX)  IEEE802.3x (Flow control) |
| PoE Protocol | IEEE802.3af (15.4W)  IEEE802.3at (30W) |
| Industry Standards | EMI: FCC Part 15 CISPR (EN55032) Class A  EMS: EN61000-4-2 (ESD), EN61000-4-4 (EFT)  Shock: IEC 60068-2-28  Free Fall: IEC 60068-2-32  Vibration: IEC 60068-2-6 |
| Recommended Network Medium | 10Base-T: Cat3,4,5 or above UTP(≤100M)  100Base-TX: Cat5 or above UTP(≤100M)  1000Base-TX: Cat5 or above UTP(≤100M) |
| Optical Media | Multimode Fiber: 50/125, 62.5/125, 100/140um  Single Mode Fiber: 8/125, 8.7/125, 9/125, 10/125um |
| **Environmental** | |
| Operating Temperature | -4 to 122F (-20 to 50C), 10% to 90% non-condensing humidity |
| Storage Temperature | -40 to 185F (-40 to 85C), 5% to 90% non-condensing humidity |
| **Mechanical** | |
| Dimensions | 17.3” x 8” x 1.73” (440 x 205 x 44mm) |
| Weight | 6.2 lbs (2.8kg) |
| Power Voltage | Input Voltage: AC100-240V, 50/60Hz  Power Supply: 52V, 5.76A  Per Port Max PoE Power: 30W  Total Power Budget of unit: 270W |
| Includes | Power Cord, Rack Mount Ears, RJ45 Adapters |

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