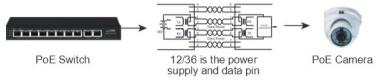
8 Indicator Definition

Indicator	Definition	State	Description
S	Link Extension LED	Light on Light off	Extension Enable Extension Disable
V	Port Isolation LED	Light on Light off	Port Isolation Enable Port Isolation Disable
P	Power Indicator	Light on Light off	Powered Abnormal
PoE Link	PoE Indicator Data Transmission	Yellow Light on Green Light on	PoE Powered LAN Linked
Uplink	Link Rate	Yellow Light on Green Light on	10/100M Gigabit

9 PoE Powered Function

※This function is applicable to PoE switches,not applicable to non-PoE switches.

▲Standard PoE Power Supply



1.Standard PoE power supply includes: protocol detection, power pin sequence Detection, power output, abnormal protection, link abnormal monitoring
2.The PoE power supply protocol includes: IEEE802.3af(15.4W), IEEE802.3at(30W)
3.The standard PoE power pin sequence is 12+/36-,and the passive PoE power pin sequence is 45+/78-
4.The standard POE switches can automatically detect and supply power to the PDs that meet the standard,non-POE devices are not powered and only transmit data
5. PoE Watchdog
When the switch port communication fails, the corresponding port POE will automatically detect and restart, restore network communication by itself, and reduce manual intervention and maintenance.

10 States of Switch

Function	Definition	Description
N	Normal Mode	Normal mode, all ports can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100 /1000M adaptive
V	Port Isolation	PoE ports (1-8) of the switch cannot communicate with each other, and can only communicate with uplink ports
S	Link Extension	1-8 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M

* Please contact Speco Technologies technical support @ 1-800-645-5516 if you have any questions.

speco technologies

User Manual

P8S10G 10-Port Gigabit Switch
8GE PoE with Uplink 2GE RJ45

1 Description

- The products described in this manual, incduding but not limited to the illustrated products, please refer to the actual product purchased.If any changes on product appearance, please refer to the official product information.
- PoE switch and ethernet switch installation methods are the same, the actual use environment and method that depends on the specific product requirement.

2 Packing List

- Switch(Specific model See the product label for more details).
- Power Cable(The default is pluggable or a power cable with built-in power module).
- Brackets, Screw(Rack type standard).
- User manual,Certification.

3 Installation Precautions

- Do not install the equipment in the environment of seepage, drip or condensation easily,otherwise the equipment might burn out.
- Please ensure the environment where the equipment is installed is well ventilated, and forbidden to block the cooling holes.
- Do not install the equipment in a high density dust environment.
- If rack switches are in a natural heat dissipation environment, please ensure the separation distance exceeds 1U.
- Do not aerial cabling outdoor, otherwise the equipment is prone to lightning strike.
- Using temperature and humidity depend on the descriptions of the specific product.

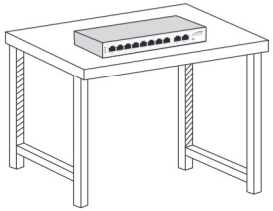
4 Safety Precautions

- Do not look directly at 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 installation and wiring.
- ESD protection is necessary during the installation and maintenance of equipment.
- Do not place objects on the device.

5 Switch Installation

Switches support a variety of installation methods, desktop, wall mounted, rack mount, please install according to the actual environmental requirements.

▲Desktop Installation



6 Connecting Equipment

▲Network Cable

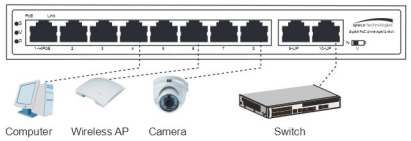
10Base-T: Cat3, 4, 5 or above UTP(≤250m).
100Base-TX: Cat5 or above UTP(≤150m) .
1000Base-TX: Cat5 or above UTP(≤100m).

▲Grounding

Ensure that the grounding screw of the equipment is effectively grounded to protect the safety of the equipment.

▲Power Cable

1.Distance between power cable and network cable should be more than 10cm.
2.The AC power please use the local AC power cable.



7 Technical Spec.

I/O Interface	
Power	Input AC 100-240V, 50/60Hz
Fixed Port	8x10/100/1000M PoE Ports(Port 1 Supports BT90W) 2x10/100/1000M Ethernet Uplink Ports
Performance	
Switching Capacity	20Gbps
Throughput	14.88Mpps
Packet Buffer	2.5Mb
MAC Address	2K
Jumbo Frame	9216bytes
Transfer Mode	Store and Forward
MTBF	100,000 hours
Mechanical	
Structure Size	Product Dimension (LxWxH): 210x150x35mm Package Dimension (LxWxH): 265x220x68mm N.W: 0.8kg G.W: 1.2kg
Packing Info	Carton MEAS: 550x455x365mm Packing Qty: 20 pieces Packing Weight: 25.5kg

尺寸：90x360mm
印刷：黑白印刷
纸张：80g铜版纸
字体：Arial

□ C0 M0 Y0 K0
■ C0 M0 Y0 K100