

## PL-SP16U2TS1-H300



Supply power to 5 classes Ethernet wireless access point (AP) and network surveillance cameras  
Meets the standards of the IEEE 802.3 /IEEE 802.3u/IEEE 802.3z and IEEE 802.3ab  
Flow Control Type: Full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard  
Auto-flip ports (Auto MDI/MDIX)  
Network port has lightning-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)  
Store-and-forward architecture, 192K forwarding memory  
All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed  
Automatic adjustment, plug and play, no need software and protocol conversion

### Product Description

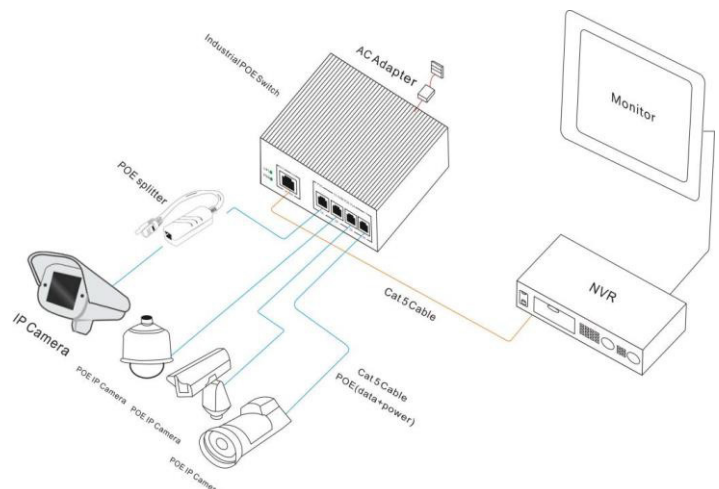
The PL-SP16U2TS1-H300 device is a PoE Switch, it support 16\* 100M POE Port + 2\* Gigabit Cobmo Ports ,These converters are classified as power source equipment (PSE), and when used in this way provide up to 15.4 watts IEEE802.3af & 30 watts to IEEE802.3at compliant powered devices (PD), eliminating the need for additional wiring.

It support CE, FCC ROHS standard, adopt industry standard design, IP30 protection, rugged high-strength metal case, power supply input (DC48-55V), -20 to 55°C working temperature. The converters support IEEE802.3/IEEE802.3u/IEEE802.3x with 10/100M, full/half-duplex, and MDI/MDI-X auto-sensing, providing a complete solution for your Ethernet network.

### Target Industries

- 1.HD monitor transmission and power supply
- 2.Network telephone transmission , intelligent house and home system
- 3.Intelligent transportation supervisory system (ITS)
4. High-speed Way supervisory/Tele-Communication System
5. Security protection system, TV medical treatment
6. Long-distance Muti-media Schooling, Campus monitoring
7. Long-distance broadcast television transmission system
8. High-building Security Protection, Military Tele-Com project

### Physical Application Reference



➤ **Order Information**

➤ **Product Model:** PL-SP16U2TS1-H300

➤ **Product Description:** 16\* 100M POE Port + 2\* Gigabit Cobmo Ports support PoE power supply function, compatible with both IEEE802.3af/IEEE802.3at standard. Rock mount installation.

➤ **Accessories in the Package**

Package List	POE Switch
	User Guide
	Warranty Card

➤ **Note: Power adapter is not included in this package. Please order it separately.**

## Technical Parameters

Product Name	19-Ports PoE Switch with 16* 100M POE Port + 2* Gigabit Cobmo Ports
Model	PL-SP16U2TS1-H300
Connector Type	16* 100M POE Port + 2* Gigabit Cobmo Ports
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000BASE-TX : Cat6 or more (≤100 meter)
Bandwidth	7.2Gbps
MTBF	100,000 hours
Forwarding Mode	Store-And-Forward
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI; IEEE 802.3af/at
LED Display	System: power supply; Every Port: connecting, PoE working status
Power Supply	Power input: AC110-260V 50/60Hz ,output : 52v1.25A
PoE Port Power	15.4/30W for each POE port
PoE Standard	IEEE 802.3af/at
PoE Feature	All ports support MDI/MDIX
Working Environment	Operating Temperature: -20° ~ 55 ° C; Storage Temperature: -20 ° ~ 55° C; Operating Humidity: 10% ~ 95%, non-condensing
Certification	CE Mark ,commercial; CE/LVD EN60950, RoHS, FCC
Radiation	CE mark, commercial; FCC Part 15 Class B; VCCI Class B; EN 55022 (CISPR 22), Class B
Warranty	2 years warranty