



## 16 port AI POE Switch PLN-1116MGB-SF



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## 16 port AI POE Switch (PLN-1116MGB-SF)

### Long Transmission Distance Standard PoE Switch

#### SFP Port

- PLN-1116MGB-SF is with one gigabit SFP port (SFP1), use for gigabit SFP module.

#### Working mode key

- AI Extend:** 1-8 port supports 250M meters long distance power supply (recommended cat 5 or above)
- AI VLAN:** Isolating ports 1-16 from each other, restrain network storms effectively and improve network performance
- AI QOS:** Prioritize the identified video data to make video transmission smoother
- AI PoE:** Automatic detection power of port, power off and restart the device if find



### Description

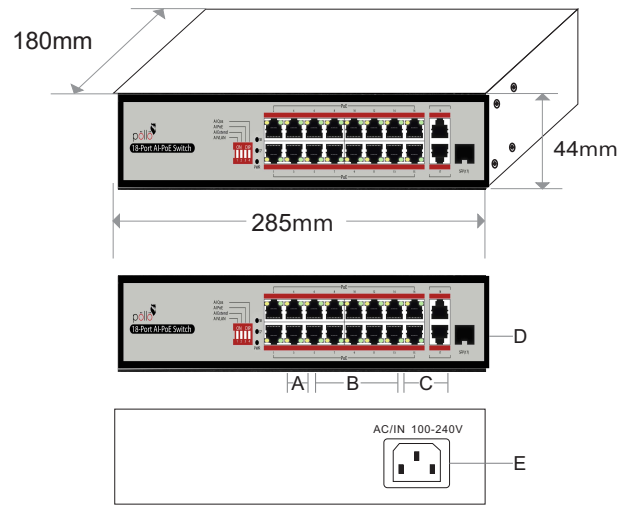
PLN-1116MGB-SF is AI POE switch, 16 10/100Mbps POE port with 2Gigabit RJ45 port and 1SFP. AI6016 can carry power to IP camera, wireless AP, wireless bridge, IP phone. PLN-1116MGB-SF is with 4 working mode, In AI VLAN mode, 1 -16 ports are isolated from each other, which can effectively restrain network

storms and improve network performance. In AI Extend mode, the effective transmission distance of 1-8 ports can reach 250 meters, which is suitable for remote monitoring and power supply. In the AI power supply mode, the switch automatically detects the working status of the PD device and finds that the device abnormal automatically restarts the device. In AI QOS mode: the video data will be processed preferentially when the device is congested to make the video smoother PLN-1116MGB-SF support IEEE802.3af/at, auto identification power device, so don't worry it will destroy the private standard POE or non-POE device.

## Technical Specification

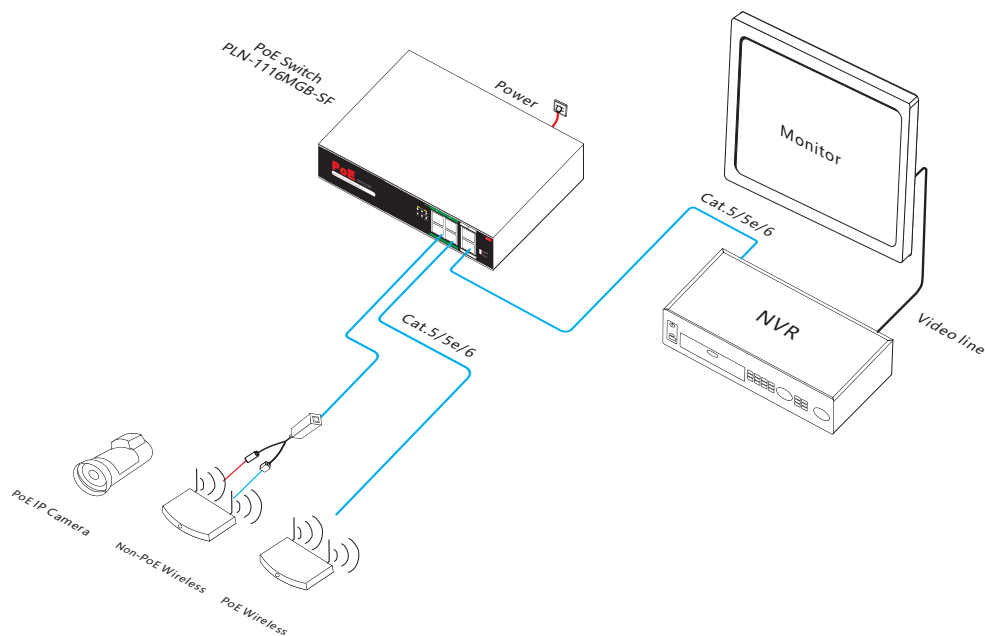
<b>Product Name</b>	<b>16 port AI POE Switch</b>
<b>Product Model</b>	<b>PLN-1116MGB-SF</b>
<b>Connector</b>	16x 10/100M RJ45 Ports (MDI/MDIX auto sensing) Max PoE power output is 30W. <b>Total:</b> `150W Transmission Distance: 250 Meters @10M, 100 Meters @ 100M
<b>Transfer Mode</b>	Store-And-Forward
<b>Network Medium</b>	Twisted Pair
<b>Performance Specification</b>	Bandwidth: 7.2Gbps Network latency (100 to 100M bps) : maximum 20 μs (using 64 byte packet) Buffer Memory: 4.1Mbit    MAC Size: 8K MTBF: 50,000hours
<b>Network Protocols and Standards</b>	IEEE 802.3i IEEE 802.3u IEEE 802.3x IEEE 802.3ab IEEE 802.3af IEEE 802.3at
<b>Switch Mode Definition</b>	AI VLAN        AIPoE AI EXTEND    AI Qos
<b>LEDs Status</b>	PWR RESV L/A PoE Indicator
<b>Power</b>	Total Power : 150W Single Port : 30W
<b>Dimension</b>	285 * 180 * 44mm
<b>Working Environment</b>	Operating Temperature: 0℃~40℃ Storage Temperature: -40 ~70 ℃ Humidity: 10% ~ 90%, non condensing Storage Humidity: 5% ~ 90%, non-condensing; Working Altitude: 3000 m (10,000 ft); Storage Altitude: 3,000 m (10,000 ft)
<b>Radiation</b>	CE FCC FCCI Class A
<b>Safety</b>	CE/ROHS/FCC/CCCI
<b>Warranty</b>	1 year warranty

## Dimensions



- A. Working Indicator    B. 16x 100M PoE Ports  
 C. 2x100M Uplink Port    D. Switch ( Standard: 100m ; Extend: 250m)  
 E. AC100-240V, 50/60Hz

## Application



Ordering Information

**Product Model:** PLN-1116MGB-SF

**Product Description:** 16-Port 10/100M Standard PoE Switch. Port 1-16 support PoE function with port isolation function. IEEE802.3af/at, max PoE power output for each port is 30W. Total power is 150W. Long transmission distance at 250 meters for both power and data. Built-in power supply.

Packing List

Packing List	16 port AI POE Switch
	Power Cable
	Mounting Kits
	User Guide
	Warranty Card