- AI Smart POE Switch, 8* 100Mbps RJ45 port(250M POE is available), 2*100Mbps Uplink.Support the management of Apollo cloud.
- 5 working modes:
    Standard switching mode: All ports communicate freely;
    AI VLAN: Avoid the internet storm and enhance the network ability;
   AI Extend: Extend 250M transmission;
   AI PoE: Automatic self checking, reboot the device while find it fake dead;
   AI QoS, Video data first, more fluent transmission.

Product parameters】
· 8 100Mbps RJ45 ports (supporting 250m PoE power supply)
· 2 100Mbps uplink port
· Supports 5 working modes: standard switching, AI VLAN, AI Extend ,AI PoE,AI QoS mode
· Support IEEE802.3af/at, single port output maximum power 30W
· Power supply: 96W

【One key switch, five working modes】
· Standard switching mode: All ports communicate freely, suitable for ordinary data transmission environment.
· AI VLAN mode: Separating 1-8 ports from each other, can effectively restrain network storm and improve
  network performance.
· AI Extend mode: Designed for monitoring application scenarios, 1-8 ports support 250 meters long distance power supply.
· AI QoS mode：Video data first, more fluent transmission.
· AI PoE mode：Automatic self checking, reboot the device while find it fake dead.

【PoE power supply function】
· 8 100M RJ45 ports support PoE power supply, which meets the requirements of PoE power supply in security monitoring,
  teleconferencing systems, and wireless coverage.
· Support IEEE802.3af/at standard protocol, single port maximum PoE output power is 30W, no need to worry about PoE
  or non-PoE devices with private standards will be corrupted.

【Stable and smooth transmission】
· With power circuit protection, it can protect the security and stability of the back-end equipment.
· All ports support non-blocking wire-speed forwarding for smoother transmission.

【Green energy conservation】
· Intelligent power supply, the lowest power consumption, to ensure the power consumption of the PD terminal.
· No fan design, energy saving and environmental protection; no noise, reducing the impact on the environment.
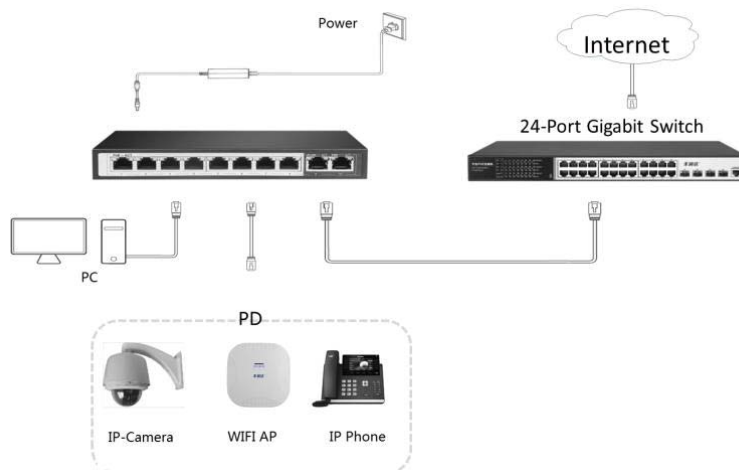· Support port no link power saving function.

【Simple operation】
· Zero configuration characteristic power supply, plug and play, no configuration, simple and convenient.
· The user can easily understand the working state of the equipment through power and port status indicator (Link/Act).

Specification

Network Port	8 10/100Mbps PoE RJ45 port (port 1～ port 8)	
	2 10/100Mbps non-POE RJ45 port(port 9~port 10)	
Transfer Rate	100Mbps full Duplex, 10 or100Mbps Half Duplex	
Network protocol and standard	IEEE802.3i, IEEE802.3u, IEEE802.3x, IEEE802.3af, IEEE802.3at	
Performance	Bandwidth: 2Gbps(no block)	
	Network delay(100 to100Mbps): maximum 20 µs (using 64 byte packet)	
	Frame filtering and transmission rate:	
	10M port maximum 14,880 pps;	
	100M port maximum 148,810 pps	
LED indicator	Power	
	RESV	
	LINK/ACT	
POE Pin	1/2(+), 3/6(-)	
Power	Max output power single port: 30W	
	Max Power supply: 96W	
Dimensions	Size (LxWxH):184mm*94mm*27mm	
	Weight: 0.5kg	
Environment	Operating Temperature ： 0°~40°C	
	Operating Humidity ： 10%~90%, Non-condensing	
safety regulations	CE/ROHS/FCC/CCC	

Installation diagram

Indicator Status:

Indicator	Indicator Description	Normal Status	Abnormal Status
PWR Indicator	Power Indicator	Yellow light on	If the light is not on, Please check external socket power supply if it is normal/adapter power connection if is correct or not etc..
LINK/ACT Indicator	PD device connection indication	Green light on	If the light is not on. Please check the corresponding RJ45 port if connected network devices, PoE power normal, cable connected correctly, cable damaged, network devices destroyed or not etc..