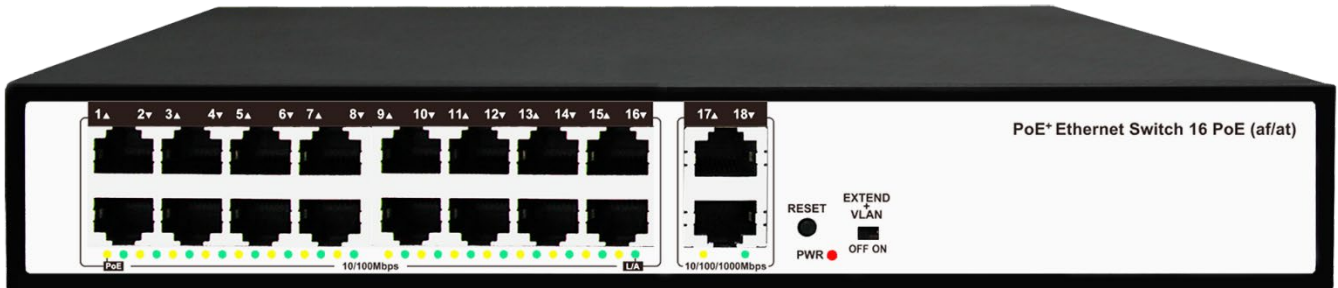# 16+2 Port PoE switch with Gigabit uplink ports

PS16FE+2GE

Key Features

- Comply with IEEE802.3, IEEE802.3u, IEEE802.3af/at standards

- Support IEEE802.3x full-duplex flow control; support Auto MDI/MDIX

- Provide 15.4W or 30W power to powered devices

- 150 watts PoE budget

- Built-in 150W power supply

- Gigabit uplink port: 2 *10/100/1000Mbps RJ-45

- PoE data & power transmission distance up to 100meters

- Port based VLAN for Enhancing Security

- Transmission distance max up to 250 meters when VLAN is enabled

- Backplane Bandwidth: 7.2Gbps

- Restart function helps master IC reset wholly

- Excellent anti-thunder, anti-static and anti-interference ability

- Surge Protection: 2KV

- Easy and convenient to use, plug & play, no need to configure

- Galvanized housing for stable and durable working life

Specifications

	PS16FE+2GE
Network Port Parameter	
Network Port	Ethernet Downlink RJ-45 Port: 16*10/100Mbps Uplink RJ-45 Port: 2*10/100/1000Mbps
Transmission Distance	1~16 Ethernet Downlink RJ-45 Port: 100m
	Mandatory 10Mbps reach up to 250m
	Uplink RJ-45 Ports: 100m
Transmission Medium	1~16 Ethernet Downlink RJ-45 Port: Cat5e/6 standard cable
	Uplink RJ-45 Ports: Cat5e/6 standard cable
PoE Standards	IEEE802.3af/at
PoE Power Supply Mode	End-span method
PoE Power Supply Wattage	Each port ≤30W, Whole device≤150W
Network Switch Specification	
Network Standards	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX, IEEE802.3az
Swap Mode	Store-and- forward
Data-Caching Mechanism	4M
MAC Address List	16K
Backplane Bandwidth	7.2Gbps
Forwarding Capacity	5.35Mpps
Indicator/Button	
Power Indicator	Red LED on: power on
Fast Ethernet Uplink Port	Green LED on: link up, off: link down, blinks: data transferring
PoE Indicator	16 PoE indicators (Yellow)
PoE Network Port Indicator	1~16 port indicators blink while data transferring
Reset Button	Press the reset button and the device restarts
VLAN Button	Turn on VLAN button: indicator on and VLAN function restarts
	Turn off VLAN button: indicator off and VLAN function stops
Protection Level	
Surge Protection	2kV (common mode), 10/700μs IEC61000-4-5
	500V (differential mode), 10/700μs IEC610000-4-5
Electrostatic Protection	Contact Discharge: ±4kV
	Air Discharge: ±6kV
	Standard: IEC61000-4-2
General	
Mean time between failures (MTBF)	> 50000h
Power Supply	Built-in Power Supply 230VAC, Power Consumption: <10W
Dimensions (L*W*H)	280mm*180mm*44.5mm
Housing	Galvanized metal
Body Color	Black
Net Weight	2.5kg
Operating Temperature	0°C ~ +55°C, Relative Humidity≤ 0~95% (non-condensing)
Storage Temperature	-40°C ~ +70°C, Relative Humidity≤ 0~95% (non-condensing)