

16-Port 10/100Mbps IEEE 802.3af/ 802.3at PoE Switch



Features	Overview
• Provide 16 x 100Mbps Ethernet ports, 2 x 1000Mbps combo up-link port (2x10/100/1000Mbps port or 2x1000Base-X SFP optical fiber port) • Support End-Span method, complies with IEEE802.3 af/at standards, can supply max 30W power which is possible to power high-power infrared cameras. • Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3z, IEEE802.3af/at standards. • Support IEEE802.3x full-duplex flow control, support Auto MDI/MDIX • Support port-base Vlan, prevent from broadcast storm so that make data conversion more efficient and safe. • Restart function helps master IC reset wholly. Easy for users to solve network failure without swapping power supply; Easy to maintain system; Help monitoring pictures recover quickly. • Various LED display functions can real-timely display the device's current working conditions, and help prompt facility and remove trouble easily. • Excellent lightning protection, lightning capacity up to 4KV • Easy to install and operate on walls or on the desktops	POE5016-2C is specialized unmanaged PoE switch designed for video surveillance and network project system, etc. It provides 16 x 100Mbps Ethernet ports and 2 x 1000Mbps combo uplink port (2x10/100/1000Mbps port or 2x1000Base-X SFP optical fiber port), can effectively prevent whole system from broadcast storm so that make the data transfer more safe. This POE network switch can meet customers' general demands. POE network switch with POE function, designed for high-definition network cameras' internet access. It provides 16 100Mbps PoE Ethernet switches, complies with IEEE802.3af/at standards, and also simplifies wiring, avoids the troublesome of installing power socket for powered devices.
Applications	
• Security Monitoring System • Multimedia Network Teaching System • Medical Monitoring Display System • Industrial Automation Control System	• Banking, securities, financial information display system • Remote Network Server Monitoring • Department Store Security • Casino Security • Hospitals, Airports and banks • School Campuses

FRONT & BACK PANEL

Front Panel



- ① PoE port
- ② Gigabit Uplink RJ45 port
- ③ Gigabit Uplink SFP port
- ④ Reset
- ⑤ Link/ACT Indicator
- ⑥ POE Indicator
- ⑦ Power Indicator

Back Panel



- ① Input: AC 96~264V
- ② Fuse
- ③ Power Switch
- ④ Warning
- ⑤ Ground connection

Technical Specifications

Model		POE5016-2C
Power Supply	PoPower Supply Mode	AC power supply
	Voltage Range	AC96~264V
	Power Consumption	The device<15W, POE power supply<260W or 420W
Network Port Parameter	Network Ports	1~16 Port: 10/100Mbps Uplink Port COMBO: 2x10/100/1000Mbps port or 2x1000Base-X SFP optical fiber port
	Transmission Distance	1~16 Port: 100m Uplink Port: 100m The transmission distance of optical fiber port depends on the different SFP modules
	Transmission Media	1~16 Port: Cat5e/6 standard UTP cable, Uplink Port COMBO: Cat5e/6 standard UTP cable and optical fiber
	POE Agreement	IEEE802.3 af/at Standard
	PoE Power Supply Mode	End-span method
	PoE Power Supply Wattage	Each port ≤ 30W, whole unit≤260W or≤420W
	Network Standard	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX IEEE802.3az, IEEE802.3z, IEEE802.3ab
Specification	Switching form	Store-and- forward
	Data-Caching Mechanism	4.1M
	MAC Address table	8K
Status Indicators	COMBO port indicator	4 indicator light (green) : 17/18 port corresponding green light keeps on when the port is well connected, Blinking when transmitting data; 19/20port corresponding green light keeps on when the optical fiber port is well connected, Blinking when transmitting data
	PoE indicator	16 PoE indicator light (yellow)
	Network Port Indicator	1~16port (green light), keeps on when well connected; Blinking when transmitting data
Button/ Switch	Reset Button	One button., Whole machine will restart while press the button.
Protection level	Surge Immunity	Level 3 executive standard: IEC61000-4-5
	Whole unit Electrostatic Protection	Level 3 Executive standard: IEC61000-4-2
Operating Environment	Working Temperature	0°~55°
	Storage Temperature	-40°~70°
	Humidity(non-congeal)	0~95%
Mechanical Attributes	Dimensions (L*W*H)	440mm x 297mm x 44.5mm
	Color	black
	weight	About 4.25kg
Reliability	Mean time between failures (MTBF)	> 50000h

Application Diagram

