POE Switch

10/100/1000Mbps 4 POE+1 Uplink Fiber 1000Mbps

The POE switch provides power and data transmission via Cat cables. 4 POE ports supply power at the standard of IEEE802.3af/at. Auto-sensing function can supply power to PD device (IEEE802.3af/at standard). If the PoE device disconnected, it would stop supplying power. The POE switch features simple and reliable design, automatic identification of PoE supply voltage and power, speed, full duplex and Auto Uplink cable type.

This cost-effective switch can apply to wireless access point (AP) and IP-based surveillance network solutions.

>> Feature

◆IEEE 802.3af/at power on up to 4 ports
◆Supply power to wireless access points and surveillance cameras over Cat cable
◆4 x 10/100/1000Mbps Ports and 1 x Uplink Fiber Port
◆Supports PoE power up to 15.4W/25.5W for each PoE port
◆Supports PoE IEEE 802.3af/at compliant PDs
◆Supports IEEE 802.3x flow control for Full-duplex Mode and back-pressure for Half-duplex Mode
◆4K entry MAC address table of the PoE Switch with auto-learning and auto-aging
◆LED indicators for monitoring power, link, activity and speed
◆External power adapter supply

>> Specification

Product Name	4 PoE Ports and 1 Uplink Fiber
Network Media	10BASE-T: Cat3 or more UTP(≤250 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter); Cat6 or more UTP (≤150 meter) 1000Base-T: Cat5 or more UTP (≤100 meter);
Bandwidth	16Gbps
Address Database Size	4K
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;IEEE 802.3ab 1000BASE-T;IEEE 802.3z 1000BASE-X

LED Display	Power, POE working status, Fiber working status
Power Supply	Power input: AC100-240V 50/60Hz
PoE Ports	Port 1-4 support POE
PoE Port Power	15.4W/25.5W for each POE port
PoE Standard	IEEE 802.3af/at
PoE Feature	All ports support MDI/MDIX
POE Lines	End-Span(12+,36-),Mid-Span(45+,78-)
Working Environment	Operating Temp.: 0 ° ~ 55 ° C; Storage Temp.: -20 ° ~ 75 ° C; Operating Humidity: 10% ~ 95%, non-condensing
Certification	CE, FCC, RoHS
Radiation	CE mark, commercial; FCC Part 15 Class B; VCCI Class B; EN 55022 (CISPR 22), Class B
Fiber Spec	Fiber Port：SC(default), FC/ST/LC(SFP) Wavelength/Distance: Dual Fiber 850nm(550m);1310nm(2/20/40km);1550nm(60/80/100km) Single Fiber 1310/1550nm(25/40km);1490/1550nm(60/80/100km)

Flexible - Choose to plug in up to 4 Ethernet devices and mix in up to 4 IEEE802.3af/at IP-based devices like wireless access points or IP-based Network surveillance cameras. Place these IEEE802.3af/at-compliant devices where they belong – high up on walls and ceiling for maximum coverage – or anywhere else you need them. Power and data are carried over standard Cat cabling.

Plug and Play - The standards-based PoE Switch senses and adjusts for Network speed and cabling type automatically, for easy integration into your existing Ethernet Network. For PoE, the switch automatically detects IEEE802.3af/at-compliant devices, and supplies power as needed. Front panel LEDs keep you informed of switch and PoE status.

Quiet and Compact - Engineered for compact convenience, it durable metal case that is easily positioned on your desktop or a wall, using the included mounting hardware. The fan-less design quietly integrates with your small office environment.

Great Value - With data switching and Power over Ethernet integrated into one unit, the PoE Switch saves space, reduces cables and eliminates the requirement for dedicated electrical outlets – lowering installation costs, simplifying installation of

PoE-capable devices, and eliminating the need for electricians or extension cords. All in all, a great benefit for a modest price.

>> Application

◆HD monitor transmission and power supply
◆Wireless AP layout transmission and power supply
◆Network telephone transmission , intelligent house and home system
◆Intelligent transportation supervisory system(ITS)
◆ High-speed Way supervisory/Tele-Communication System
◆ Security protection system, TV medical treatment
◆ Long-distance Muti-media Schooling, Campus monitoring
◆ Long-distance broadcast television transmission system
◆ High-building Security Protection, Military Tele-Com projects

>> Ordering Information

	4POE+1Dual Fiber 10/100/1000Mbps,20KM,1310nm,IEEE802.3af,15.4W/port
	4POE+1Single Fiber 10/100/1000Mbps,20KM,1310/1550nm,IEEE802.3af,15.4W/port
	4POE+1Dual Fiber+1UTP 10/100/1000Mbps,20KM,1310nm,IEEE802.3af,15.4W/port
	4POE+1Single Fiber+1UTP 10/100/1000Mbps,20KM,1310/1550nm,IEEE802.3af,15.4W/port
	4POE+1SFP 10/100/1000Mbps,IEEE802.3af,15.4W/port
	4POE+1SFP+1UTP 10/100/1000Mbps,IEEE802.3af,15.4W/port
	4POE+1Dual Fiber 10/100/1000Mbps,20KM,1310nm,IEEE802.3at,25.5W/port
	4POE+1Single Fiber 10/100/1000Mbps,20KM,1310/1550nm,IEEE802.3at,25.5W/port
	4POE+1Dual Fiber+1UTP 10/100/1000Mbps,20KM,1310nm,IEEE802.3at,25.5W/port
	4POE+1Single Fiber+1UTP 10/100/1000Mbps,20KM,1310/1550nm,IEEE802.3at,25.5W/port
	4POE+1SFP

	10/100/1000Mbps,IEEE802.3af,15.4W/port
	4POE+1SFP+1UTP 10/100/1000Mbps,IEEE802.3at,25.5W/port