

POE Switch

The POE switch provides power and data transmission via Cat cables. 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 POE ports
- ◆ Supply power to wireless access points and surveillance cameras over Cat cable
- ◆ POE ports support MDI/MDIX
- ◆ Support PoE power up to 15.4W(IEEE802.3af)/25.5W(IEEE802.3at) for PoE ports
- ◆ POE Lines: End-Span(12+,36-), Mid-Span(25+,78-)
- ◆ Support IEEE 802.3x flow control for Full-duplex Mode and back-pressure for Half-duplex Mode
- ◆ LED indicators for monitoring power, link, activity and speed
- ◆ Network Media: 10Base-T: Pair 2 Category 3(cat 3) and above UTP/STP(≤150m);100Base-TX: Pair 2 Category 5(cat 5) and above UTP/STP(≤150m);1000BASE-TX: 6 Category and above UTP(≤150m)
- ◆ Working Environment: Operating Temperature: 0 ° ~ 55 ° C; Storage Temperature: -20 ° ~ 75 ° C; Operating Humidity: 10% ~ 95%, non-condensing
- ◆ Forwarding Mode: Store-And-Forward
- ◆ MTBF: 100,000 hours

>> Application

- ◆ Wireless Access Point
- ◆ IP Camera
- ◆ IP Phone
- ◆ Computer Networks

>> Specification

◆ 8port POE 10/100/1000M series

POE Port	8 POE 10/100/1000Mbps
Uplink	UTP 10/100/1000Mbps, Fiber 1000Mbps
Bandwidth	16Gbps
Address Database Size	8K
Power Supply	DC52V
Max.Power Per Port	15.4W(IEEE802.3af) default, 25.5W(IEEE802.3at) optional
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af/at DTE Power via MDI; IEEE 802.3af/at, IEEE 802.3ab 1000BASE-T
LED Display	Power, POE, Ethernet
Transmission Distance	100meter for UTP ports; 0~120km for Fiber ports
Fiber Specification	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)

>> Ordering Information

Series	Model	Description
8POE 10/100/1000M	ICB6009GE	8POE+1UTP
	ICB6010GE	8POE+2UTP
	ICB6108GE-20	8POE+1Dual Fiber, 1310nm, 20km, SC
	ICB6108GE-20A/B	8POE+1Single Fiber, 1310/1550nm, 20km, SC
	ICB6208GE-20	8POE+2Dual Fiber, 1310nm, 20km, SC
	ICB6208GE-20A/B	8POE+2Single Fiber, 1310/1550nm, 20km, SC
	ICB6109GE-20	8POE+1UTP+1Dual Fiber, 1310nm, 20km, SC
	ICB6109GE-20A/B	8POE+1UTP+1Single Fiber, 1310/1550nm, 20km, SC
	ICB6109GE-SFP	8POE+1UTP+1SFP
	ICB6108GE-SFP	8POE+1SFP
	ICB6208GE-SFP	8POE+2SFP

Note:

Standard: IEEE802.3af, max.15.4w/port

Optional: IEEE802.3at, max.25.5w/port