

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($\leq 150\text{m}$);100Base-TX: Pair 2 Category 5(cat 5) and above UTP/STP($\leq 150\text{m}$);1000BASE-TX: 6 Category and above UTP($\leq 150\text{m}$)
- ◆ Forwarding Mode: Store-And-Forward
- ◆ MTBF: 100,000 hours

>> Application

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

>> Specification

◆ 4port POE 10/100M series

POE Port	4 POE 10/100Mbps
Uplink	1 UTP 10/100Mbps, or 1 Fiber 100Mbps
Bandwidth	1.6Gbps
Address Database Size	1K
Power Supply	DC52V
Max.Power Per Port	15.4W(IEEE802.3af) default, 25.5W(IEEE802.3at) optional
Network Protocols	IEEE 802.3,IEEE 802.3i 10BASE-T,IEEE 802.3u 100BASE-TX, IEEE 802.3af/at,IEEE 802.3x
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 1310nm(2/20/40km);1550nm(60/80/100/120km) Single Fiber 1310/1550nm(25/40km);1490/1550nm(60/80/100/120km)
4POE+1UTP	4POE+1SFP
4POE+1Dual Fiber	4POE+1Single Fiber

>> Ordering Information

Series	Model	Description
4POE 10/100M	ICB6005FE	4POE+1UTP
	ICB6104FE-25	4POE+1Dual Fiber, 1310nm, 25km, SC
	ICB6104FE-25A/B	4POE+1Single Fiber, 1310/1550nm, 25km, SC
	ICB6104FE-SFP	4POE+1SFP
	ICB6101GE-SFP	1POE+1SFP

Note:

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

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