

Single Port 10/100/1000M Gigabit PoE Injector

SME Wireless Network, Monitoring Network Transmission Solution



Overview

The Gigabit Power over Ethernet Injector allows flexible installation of Wireless Access Points by providing an alternative to external DC power when deploying a Power over Ethernet (PoE) switch is not an option. The PoE power injector has two RJ45 network interface connectors, one RJ45 interface connects to a switch or a network device, and the other is used to transmit network data and supply power to the Power Sourcing Equipment (PSE). By combining data and power over a single Cat5e or better cable, the injector can also be used to supply connectivity and power to other PoE endpoints such as IP phones and IP cameras, in order that makes it more flexible for the places difficult to connect to the power supply and provide with more efficient solutions.

Benefits

- Up to 30W of PowerPlug and Play—ease of use
- Compatible with IEEE 802.3at/802.3af Standards
- Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Supports 10/100/1000Base-T Applications
- Compact Design Fits Easily in WLAN Access Point Installations

Specification

	PSM-CW6AP	PI18A-1	PI35A-1
Input RJ45 Ports	10/100/1000 Mbps Copper port (RJ-45)	1 x 10/100/1000Mbps Ethernet	1 x 10/100/1000Mbps Ethernet
Output RJ45 Ports	10/100/1000 Mbps PoE Copper port (RJ-45)	1 x 10/100/1000Mbps PoE	1 x 10/100/1000Mbps PoE
Network Cable	Cat 5e (or above) UTP	Cat 5e (or above) UTP	Cat 5e (or above) UTP
PoE Standards	IEEE 802.3af/at	IEEE 802.3af	IEEE 802.3af/at
Input Voltage	110-240VAC, 50/60Hz, 0.75A Max	100-240VAC, 50/60Hz, 2A Max	100-240VAC, 50/60Hz, 2A Max
Output Voltage	53V DC	52V DC	52V DC
Total Power	30W	18W	35W
PoE Port Power	30W	15.4W	30W
Dimension (Hx WxD)	2.01"x3.46"x6.53" (51.3 x87.9 x166mm)	1.3"x 2"x 4.6" (33x51x117mm)	1.5"x 2.4"x 4.6" (38x60x118mm)
MTBF	>100,000 hours @25°C	100,000 hours	100,000 hours
Operating Temperature	0°C ~ 45°C	-20 to 55°C	-20 to 55°C
Storage Temperature	-30°C ~ 85°C	-20 to 75°C	-20 to 75°C
Operating Humidity	5% to 90% (non-condensing)	10%~90%, non-condensing	10%~90%, non-condensing
Storage Humidity	5% to 90% (non-condensing)	10%~95%, non-condensing	10%~95%, non-condensing