PoE Single Port Injector **PI-100 series**

IEEE 802.3at/af PoE, 10/100/1000Mbps LAN

PI-100GA/PI-100A   PI-100H

Product Overview

PI-100GA is a single port, high-power PoE PSE solution for remote PoE PD devices. Generating up to 30W, PI-100GA supplies remote power for new applications such as wireless Access Points, pan-tilt-zoom (PTZ) IP cameras and video-phones. It complies to IEEE 802.3at PoE standard and backward compatible to IEEE802.3af. It can work with 10/100Base-T networking devices and emerging 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n access points.

PI-100GA Features

- Up to 30W of PoE Power Feeding on 2-pairs
- IEEE 802.3at Compliant with 2-event classification
- IEEE 802.3af backward compatible
- Compatible with IEEE 802.3af or Legacy PoE applications
- Safe on 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 LAN environment
- Pararell slide-in design to ease the installation

Ordering Information

Part Number	Description
PI-100GA	High Power 30W ,1-port Gigabit ,1/2 (+), 3/6 (–)
PI-100A	High Power 30W ,10/100M, 4/5 (+), 7/8 (–)
PI-100H	High Power 30W , 10/100M, 4/5 (+), 7/8 (–)

Specifications of PI-100GA	
No. of PoE PSE Ports	1
Pass Through Data Rates	10/100/1000 Mbps
Power over Ethernet Output	
Pin Assignment and Polarity	1/2 (+), 3/6 (–)
Output Power Voltage	52 VDC Maximal
User Port Power	30 Watts Maximal
Input Power AC Input Voltage	100 ~ 240 VAC
Requirements AC Input Current	0.8A @ 100-240 VAC
AC Frequency	50 to 60 Hz
Dimensions	87.9 mm x 51.3 mm x 166 mm
Weight	350g
Indicators	System Indicator: AC Power (Green)
User Indicator	Channel Power
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	
Operating Ambient Temperature	-10 to 45 ℃
Reliability MTBF	296,000 hrs. @25℃
Thermal Rating	27 BTU/Hr (@240VAC)
Warranty	One year
Regulatory	IEEE 802.3at/af, RoHS Compliant, CE/FCC
Safety Approvals	EN 60950:2006