



PoE Single Port Injector PI106GF-UL

CE/FCC/UL/cUL-certified, 6KV Surge-Secured PoE, 56VDC/18w max Working Temperature range: -20~60°C



Product Overview

PI106GF-UL is a single port, PoE PSE solution for remote PoE PD devices. It is equipped with 6KV PoE Surge Protection and generating up to 18W, PI106GF-UL supplies remote power for new applications such as wireless Access Points, pan-tilt-zoom (PTZ) IP cameras, 4G/5G LTE and video-phones. It complies to IEEE 802.3af PoE standard and with 56VDC power output. It can work with 10/100/1000Base-T networking devices such as IP Cam and IP phone, etc.

PI106GA-UL Features

- CE/FCC, UL/cUL certified
- 6KV PoE Surge Protection
- Up to 30W of PoE Power Feeding on 2-pairs
- IEEE 802.3af PoE standard with PD Detection via PoE pin 1,2,3,6
- Over Voltage (60V max.)/Current (0.65A max) Protection, Short-Protection
- Safe and Reliable Power to WLAN Access Points, 4G/5G LTE, IP Cam
- Supports 10/100/1000Base-T LAN environment
- Wall-mounted design to well fix the installation

Ordering Information

Part Number	Description
PI106GA-UL	30W, PD detection, GbE, PoE pin 1/2(-), 3/6(+)
PI106GF-UL	18W, PD detection, GbE, PoE pin 1/2(-), 3/6(+)
PI106A-UL	30W, PD detection, FE, PoE pin 1/2(-), 3/6(+)
PI106F-UL	18W, PD detection, FE, PoE pin 1/2(-), 3/6(+)

Specification

Specifications of Hardware	
No. of PoE PSE Ports	1
Pass Through Data Rates	10/100/1000 Mbps
Power over Ethernet Output	
Pin Assignment and Polarity	Pin 1/2(-), 3/6(+)
Output Power Voltage	56 VDC Maximal
User Port Power	18W (PI106GF-UL) or 30W (PI106GA-UL) Max.
Input Power AC Input Voltage	100 ~ 240 VAC
Requirements AC Input Current	0.33A(PI106GF)/0.54A(PI106GA) @100-240 VAC
AC Frequency	50 to 60 Hz
Dimension of Injector	35.5 (H) x 55 (W) x 137.5 (L) mm
Weight of Injector	175g
Indicators	DATA Output + Power(Green), DATA In (Green)
Connectors	RJ-45 x 1
Environmental Conditions	
Operating Temperature	-20 to 60 °C
Regulatory	FCC part 15 Class B, EN55032 Class B,
PoE Surge Protection	6KV, EN61000-4-2 ESD
Safety Approvals	UL/cUL, IEC/EN 60950
Hazardous Substances	Lead free process, EU Directive 2011/65/EU "RoHS", 2012/19/EU "WEEE", REACH compliant

Yoda Communications, Inc. www.yoda.com.tw

2F, No. 3-1, Industry East Road IX, Science Based Industrial Park, HsinChu, Taiwan

Tel:+886-3-563-2323 Fax:+886-3-563-6420