



## Product Overview

The PM3001GIN V2 PoE Injector fully complies with IEEE 802.3af/at standard, and can work with all IEEE 802.3af /at PoE compliant PD (Powered Devices) or PoE Receiver Adapters or other equivalent product, to expand your network to where there are no power line or outlet, where you wish to fix device such as AP, IP Camera or IP Phone, etc.

## Product Features

- Complies with IEEE802.3af/at Standard;
- Use 2 pairs of power supply, and output power more;
- Auto detect power device;
- Support PoE power up to 30W ;
- Remote power and Data feeding up to 100m;
- Gigabit Internet port;
- built-in Power, Plug-and-play, requires no configuration;
- Intelligent protection and power supply;
- Working temperature: 0 °C to 40 °C;
- Short Circuit Protection:
- Elegant plastic shell design;

## Product Specifications

<b>Model</b>	PM3001GIN V2
<b>Port</b>	LAN: 1x10/100/1000Mbps RJ45 Port PoE: 1x10/100/1000Mbps RJ45 Port
<b>PoE Standard</b>	IEEE802.3af/at
<b>PSE Power on RJ-45</b>	Data Pairs 1/2(+), 3/6(-)
<b>PoE Power Output</b>	30W Max
<b>Input Voltage</b>	AC 100-240V 50/60Hz
<b>Input Current</b>	0.6Amax, @100V AC/60HZ (Full Load)
<b>Inrush Current</b>	70A (RMS) maximum for AC 230V/50HZ (Full Load)
<b>Leakage Current</b>	5mA(Max)AC 230V/50HZ (Full Load)
<b>No-Load Voltage</b>	DC55V $\pm$ 5%, AC 230V/50HZ (No-Load)
<b>Output Voltage</b>	DC55V $\pm$ 5%, AC 230V/50HZ (Full Load)
<b>Output current</b>	0.58A Max
<b>output ripple voltage</b>	$\leq$ 200mV, Test conditions: rated input voltage, full load output, Tested with 20MHz bandwidth oscilloscope, Parallel connected a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor to the output
<b>Efficiency</b>	$\geq$ 85%, @230V AC 50HZ, (Full Load)
<b>Operation Temperature</b>	0°C~40°C
<b>Storage Temperature</b>	-40°C~70°C
<b>Operation Humidity</b>	10%~90% RH non-condensing
<b>Storage Humidity</b>	5%~90% RH non-condensing
<b>Dimensions(L*W*H)</b>	142 *60 *32 mm
<b>LED Indicator</b>	PWR(Green) , LNK/ACT(Green)
<b>Network Media(Cable)</b>	10BASE-T: UTP category 3, 5 cable ( $\leq$ 100m) 100BASE-TX: UTP category 5, 5e cable ( $\leq$ 100m) 1000BASE-T: UTP category 5e, 6 cable( $\leq$ 100m)
<b>Certification</b>	CE, FCC, ETL, CB, ITS GS, UKCA, RCM, SAA
<b>MTBF</b>	>50000 hours

**Ordering information**

<b>Model</b>	<b>product information</b>
PM3001GIN V2	30W PoE Injector