



Product Overview

PM6001GIN-W-AC V1 is a gigabit waterproof power supply device independently developed by our company. It adopts the mode of power supply by four lines, which fully complies with IEEE 802.3AF/AT/BT standard. It can load the electric energy on the network cable for transmission, and the maximum transmission distance is 100m.

PM6001GIN-W-AC V1 can automatically detect and identify electrical devices that meet IEEE 802.3AF/AT/BT standards, and automatically match the output power to supply them.

For terminals that do not support the PoE function, you can use a PoE separator to expand the traditional power line network and reduce power line usage. Professional outdoor shell design, adapt to a variety of harsh environment, with high stability, reliability, industrial level, wide temperature. The whole machine does not need power adapter, convenient outdoor environment and indoor monitoring equipment is not easy to take electricity.

Product Features

- Complies with IEEE802.3af/at/bt Standard;
- Metal shell, protection level IP67, IK10 vandal proof;
- Use 4 pairs of power supply, and output power more;
- Auto detect power device;
- Support PoE power up to 60W ;
- 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: -20 °C to 60°C
- Short Circuit Protection, overload protection:
- It's ideal for harsh outdoor environment

Product Specifications

Model	PM6001GIN-W-AC V1
Port	1X10/100/1000Mbps auto-negotiation RJ45 port 1X10/100/1000Mbps auto-negotiation RJ45 port 1*AC In port
PoE Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3x, IEEE802.3bt
PSE Power on RJ-45	Data Pairs 1 / 2(-), 3 / 6(+) Spare Pairs 4 / 5(+), 7 / 8(-)
AC Power Input	AC 100-240V 50/60Hz
POE Power Output	60W Max
AC Input Current	1.2A Max
output ripple voltage	≤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
Operation Temperature	-20°C~60°C
Storage Temperature	-40°C~80°C
Operation Humidity	10%~90% RH non-condensing
Storage Humidity	5%~90% RH non-condensing
Dimensions(L*W*H)	150*73*44MM
LED Indicator	PWR(Green), PoE(Bt: Green, UPoE: orange)
Network Media(Cable)	10BASE-T: UTP category 3, 5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-T: UTP category 5e, 6 cable(≤100m)
Surge Protection	Difference Mode: ±2KV、 Common mode: ±4KV
MTBF	>50000 hours
Electrostatic standard	Contact 4KV, air 6KV
waterproofing grade	IP67
anti-hazard classification	IK10

Ordering information

Model	product information
PM6001GIN-W-AC V1	60W Waterproof PoE Injector(AC)