



Product Overview

PM6001GSF V1/PM9001GSF V1 is a 60W/90W 1 Optical 1 Electrical Gigabit High PoE Media Converter device independently developed by UNIPOE this device can realize the conversion between 2 different transmission media, fiber optic and network cable. It provides 1*10/100/1000Mbps adaptive RJ45 port with PoE power supply function and supports IEEE802.3bt standard, which can be used as Power over Ethernet device and can automatically detect and identify the powered devices that meet the standard and supply power to them

through the network cable. and 1*1000Mbps fiber module slot for 10/100/1000BASE-TX and 1000BASE-X conversion.

The product can be widely used in security monitoring, wireless networking, fiber optic access and other application scenarios.

Product Features

- Compatible with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, 10/100/1000BASE-TX and 1000BASE-FX Ethernet standards;
- Support IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt standards;
- Single port output power up to 60W;
- Automatic detection and identification of standard PoE powered devices, intelligent power supply, will not burn non-standard PoE powered devices or ordinary devices;
- Supports full or half duplex mode with auto-negotiation capability;
- Panel indicators monitor operating status and help with fault analysis;
- Supports one-click Legacy Bt/Bt/UpoE mode;
- Working temperature: 0°C~50°C;
- Industrial grade protection design.

Product Specifications

Model	PM6001GSF V1	PM9001GSF V1
Interface	1*10/100/1000Mbps RJ45 Port 1*1000Mbps SFP slot	
Protocol Standards	IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x; IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt	
Network Media	1000BASE-TX UTP category 5e, 5 cable (≤100m) 1000BASE-FX: MMF, SMF	
Indicator Light	PWR (Green), LAN (Green), PoE(Green), Fiber(Green)	
Function Keys	Bt/Legacy bt/UPoE	
Forwarding Type	Store-and-forward	
MAC Address Table	2K, Auto-learning, Auto-update	
Jumbo Frame	9K Bytes	
Packet Buffer	2M bit	
PoE output	60W MAX	90W(Max)
Total PoE power	65W	95W
Total power supply	72W DC 54.5V/1.32A	126W DC 55V/2.3A
Appearance Size (L*W*H)	93.5*70*26mm	
Operating Temperature	0°C~50°C	
Storage Temperature	-40°C~80°C	
Operating Humidity	10% ~ 90% non-condensing	
Storage Humidity	5% ~ 90% non-condensing	
Surge Protection	Common mode ±4KV, Differential mode ±2KV	
Electrostatic Standard	Contact 6KV, Air 8KV	

Ordering Information

Model	Product Information
PM6001GSF V1	60W 1 Optical 1 Electrical High PoE Fiber Media Converter(Support IEEE 802.3bt standard)
PM9001GSF V1	90W 1 Optical 1 Electrical High PoE Fiber Media Converter(Support IEEE 802.3bt standard)