



## Product Overview

PM9001GSF V1 is a 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 the 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

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

## Ordering Information

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