



GGM POEINJ90MIS

Industrial 95W SFP PoE Injector

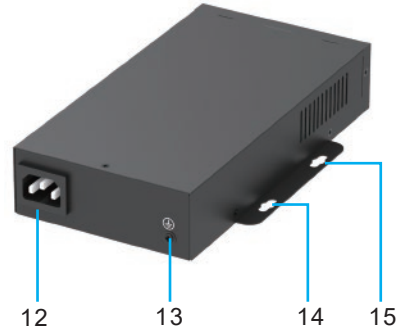
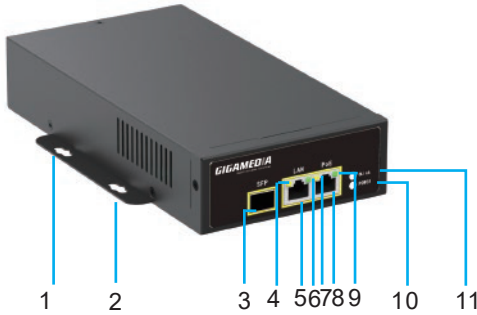
Product Overview

GGM POEINJ90MIS is an industrial rated media converter with PoE functionality which can be used as PoE midspan Injector offers a unique solution to powering long range installations, where the data input comes over fiber, such as special scenarios, like highway side, exurb applications. Enclosed in an IP20 high-impact metal case with good heat dissipation superior than those of same high power PoE. It also has a LAN data port can be regard as Redundancy of Data input. Equipped with Chipset inside, data is interoperable among LAN port, PoE port and SFP port. There are wall mounting tabs on either side of it.

After negotiating 802.3af/at/bt standard PoE, the single PoE output port delivers 55Vdc, 1.75A up to 95W power with 6KV surge protection for remote PDs over 4 Pair at 10/100/1000Mbps data rates. Low power devices receive only the power they need. It works with a wide input voltage of 100-240Vac with 6KV surge protection and operates under -40 C to +65 C. It fully complies with 802.3bt and remains compatible with any 802.3af/at devices, such as IP Cameras, wireless APs, Microwave radio, IoT application, door locks, displays, POS, and information kiosks.

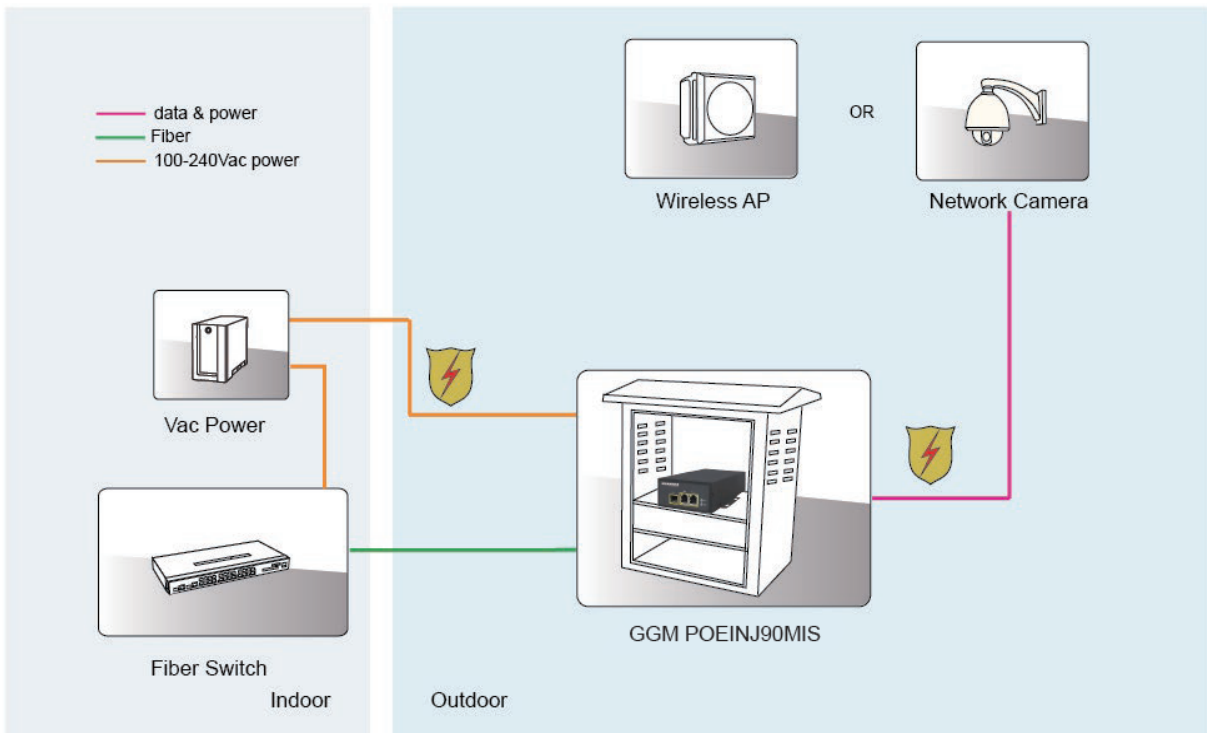


Product Profile



- | | | |
|-------------------------------|--------------------------------|--------------------------|
| 3. SFP: Fiber data input port | 7. PoE data indicator | 11. SFP fiber indicator |
| 4. LAN data indicator | 8. PoE: Data&Power output port | 12. AC input port |
| 5. LAN: Data input port | 9. PoE Load indicator | 13. Earth |
| 6. Unused | 10. Power indicator | 1,2,14,15. mounting hole |

Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Full compliant with IEEE802.3af/at/bt
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 2.0A 50/60Hz
- Output: 55Vdc 1750mA
- Power Pins: 4/5(+), 7/8(-) and 3/6(+),1/2(-)
- Data Speed: 10/100/1000BASE-T RJ45 Interfaces
1000BASE-X SFP Interfaces

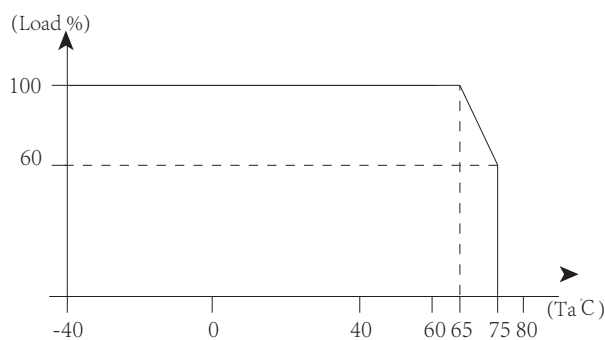
Working Environment

- Operating Temperature: -40°C to 65°C
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40°C to 85°C
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

LED Indicator

- Power indicator: Green
- Load active Indicator: Green
- SFP fiber indicator: Green
- LAN data indicator: Yellow
- PoE data indicator: Yellow

Performance Data



Load Loss (%)@Temperature (°C)

Safety Approvals

- | | | | |
|-----------|------------|------------|-------|
| - cUL/UL | - CE | - FCC | - LOA |
| - RCM | - SAA | - ST | - EAC |
| - Ukraine | - CB 60950 | - CB 62368 | |

AC Surge Protection

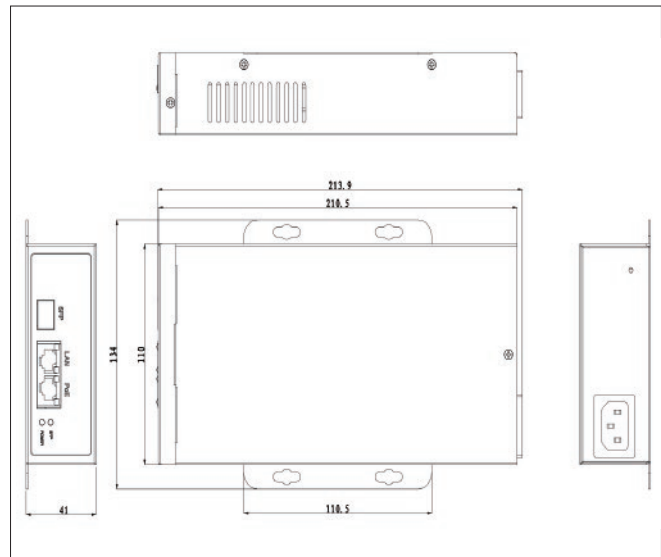
- Line-Earth 1.2/50us (8/20us): 6KV
- Line-Line 1.2/50us (8/20us): 4KV

PoE Surge Protection

- Protected line: 1,2,3,4,5,6,7,8
- Common mode surge protection(10/700us): 6KV
- Differential mode surge protection (10/700us): 1.5KV

Mechanical Characteristics

- Case: Metal
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP20
- Size: 213.9mm X 134.0mm X 41.0mm
- Weight: 1104g



Order Info.

GGM POEINJ90MIS

55Vdc/95W/1000Mbps/(4,5+,7,8-) and (3,6+,1,2-)/Surge Protection/BT

Packing

GGM POEINJ90MIS
Power Cord x 1 (Optional) GND
WIRE 16AWG x 1 Manual x 1