GENATA

ITOONER
Idea Transmission Navigator

# Managed Industrial Gigabit PoE Switch Specifications

## GNT-P1002FMI

- 8 Gigabit PoE ports + 2 Gigabit SFP slots
- L2+ managed industrial switch
- IEEE 802.3af/at; up to 30 W per port

## Product Features

- 20 Gbps switching capacity; 8K MAC table
- VLAN, QoS, ACL, RSTP/MSTP, ERPS
- PoE Watchdog and redundant DC inputs
- DIN-rail mounting; IP40 protection

## Product Display



## Interface Overview

**8 x RJ45 PoE**

10/100/1000 Mbps Ethernet

**2 x SFP**

1000 Mbps fiber slot

## Specifications

| | |
|---|---|
| Model | GNT-P1002FMI |
| Product type | L2+ Managed Industrial PoE Switch |
| Ethernet ports | 8 x RJ45 PoE, 10/100/1000 Mbps |
| Fiber ports | 2 x Gigabit SFP slots |
| Console port | 1 x RS232 (115200, N, 8, 1) |
| PoE standards | IEEE 802.3af/at on ports 1-8 |
| PoE power per port | Up to 30 W |
| Power consumption | Standby: <10 W; full load: <240 W |
| Power interfaces | Dual redundant DC inputs; 6-pin terminal |
| Alarm output | Relay output; configurable triggers |
| Switching capacity | 20 Gbps |
| Forwarding rate | 14.88 Mpps |
| MAC address table | 8K |
| Packet buffer | 4 Mbit |
| Forwarding mode | Store-and-forward |
| Management | Web / HTTPS, SNMP, CLI / SSH |
| Network features | VLAN, QoS, ACL, LACP, RSTP/MSTP, ERPS |
| PoE management | PoE Watchdog; per-port power allocation |
| Copper cable distance | Up to 100 m |
| Lightning / ESD protection | 6 kV / 8 kV contact, 15 kV air |
| Protection / mounting | IP40 / DIN rail |
| Dimensions | 155 x 114.1 x 51.7 mm (L x W x H) |
| Net weight | <1.1 kg |
| Operating environment | -40 to +75 °C; 5-90% RH, non-condensing |
| Storage environment | -40 to +85 °C; 5-95% RH, non-condensing |
| Certifications | CE / FCC / RoHS |

SFP modules and external power supply are sold separately.



Source: ITOONER manufacturer specifications

* Specifications subject to change without notice.