

# LuLeey INS2M2GF26GT-24POE Datasheet V1.0

28-port managed Rack-mounted Ethernet switch, with 2 Gigabit fiber ports and 2 Gigabit copper ports, 24 Gigabit POE copper ports,



- Providing 2 Gigabit fiber ports and 2 Gigabit copper ports, 24 Gigabit POE copper ports
- IP30 protection grade, impact resistant metal shell
- Applicable voltage range: AC220V
- Meet the requirements of electromagnetic compatibility EMC (lightning protection, static electricity, surge, pulse)
- Command line (CLI) + WEB interface for fast configuration of network functions
- Support Ring configuration (switching time <20ms) and STP/RSTP ring network protection
- Support SNMP V1/V2c/V3



## Product profile

INS2M2GF26GT-24POE is a network management frame of Ethernet switches, provide two gigabit light mouth and two gigabit port, 24 gigabit POE electricity, with IP30 protection grade, - the working temperature of -20 ~ 75 °C, with super strong degree, designed for demanding applications of network communication, high EMI/EMS protection ability, every product has a 100% of the aging test to ensure quality.

Advanced management and security features such as IGMP snooping, IEEE 802.1Q VLAN, QoS, port mirroring, SNMP, RMON and more are supported, while Link Aggregation, Ring and RSTP/STP for redundancy backup improve network reliability and availability

## Product features

- Support 4K 802.1Q VLANs and GVRP, simplified network planning;
- Support IGMP Snooping and GMRP for filtering multicast traffic;
- Support SSH remote security management configuration;
- Dial switches enable ringing, port isolation and forced 10M
- QoS (IEEE 802.1p and DSCP) improves data transfer certainty;
- RMON providing more effective network monitoring and prediction capabilities;
- Port mirroring function to assist in online troubleshooting.
- Support 255 vlan-based and mac-based ACL access controls;
- VIP channels 1-8 ports (POE port QOS priority);

## Product properties

### Applicable standards

IEEE 802.3 10BaseT IEEE 802.3u 100BaseT  
IEEE 802.3ab 1000BaseTX IEEE 802.3z 1000BaseFX  
IEEE 802.3af/802.3at POE IEEE 802.3x flow control  
IEEE 802.1D STP IEEE 802.1w RSTP  
IEEE 802.1p Cos IEEE 802.1Q VLAN

### Protocols

IGMP Snooping, GMRP, GVRP, SNMPv1/v2c/v3, TFTP, SNTp, RMON, HTTP, SSH, Telnet, Syslog, LLDP, EtherNet/IP, Modbus/TCP

MIB: MIB-II, BRIDGE MIB, Ethernet MIB, IF MIB

### Switching features

Qos queue: 8 VLAN-ID: 1-4094

Back plane bandwidth: 56 Gbps List of MAC addresses: 8K

Message buffer size: 4 Mbit

### Port

Debug port: RS-232 (port type: RJ45 slot)

Gigabit fiber port: 1000 Mbps (port type: SFP slot)

Gigabit copper port: 10/100/1000 Mbps self-adaptive, Full/Half duplex mode, MDI/MDI-X supported.

LED indicator: PWR, L/A, RUN, POE

### Power source requirement

Input voltage: AC220V

### Physical properties

Enclosure: Metal IP30-rated protection

Size: 440 mm\*300 mm\*44 mm

Weight: 4380 g

Mounting method: Rack-mounted

### Environmental restrictions

Working temperature: -20 ~ 75°C (-4 ~ 167°F)

Storage temperature: -40 ~ 85°C (-40 ~ 185°F)

Relative ambient humidity: 5 ~ 95% (non-condensing)

### Standards and certification

EMI: FCC Part 15/CISPR22 (EN55022): Class A

EMS:

IEC61000-4-2 (ESD) level 3, IEC 61000-4-3 (RS) level 3, IEC 61000-4-4 (EFT) level 4, IEC 61000-4-5 (Surge) level 4, IEC 61000-4-6 (CS) level 3

Anti-vibration performance: IEC 60068-2-6

Shock resistance: IEC 60068-2-27

Free fall: IEC 60068-2-32

MTBF (mean time between failures)

Time: 500,000 h

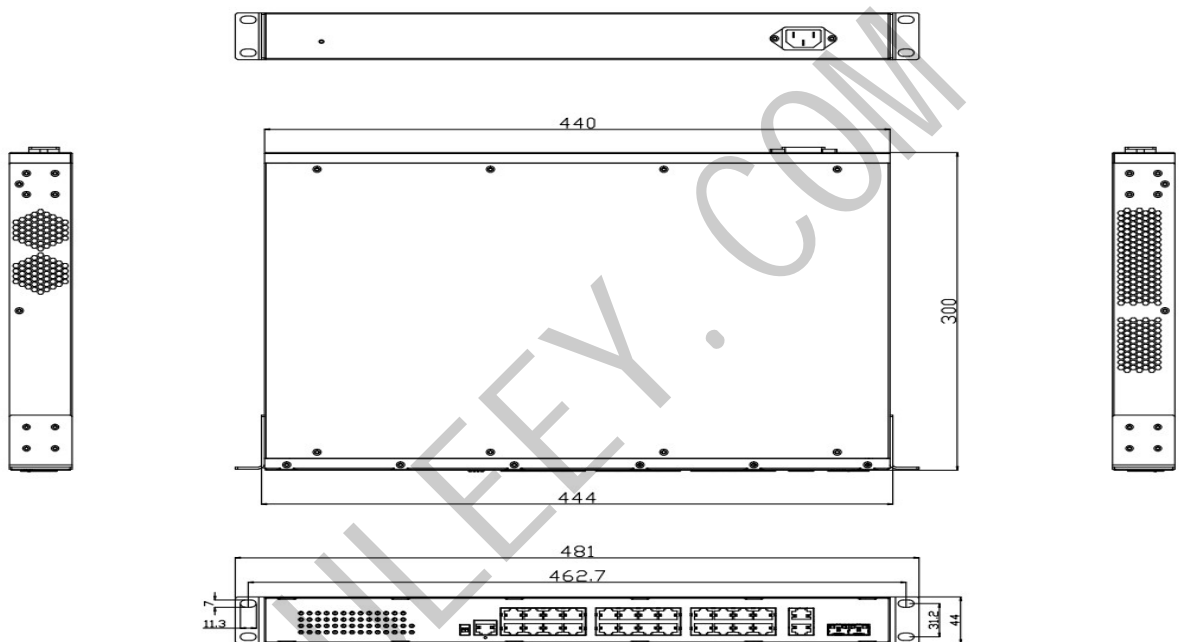
### Warranty

Quality assurance: 3 years

## Fiber properties

	1000BaseFX	
	Multimode	Single mode
Wavelength	850 nm	1310 /1550 nm
Maximum transmission power	-3 dBm	0 dBm
Minimum transmission power	-9 dBm	-10 dBm
Receiving sensitivity	-19 dBm	-22 dBm
Link budget	10 dB	12 dB
Typical distance	550 m	20 km
Saturation	-3 dBm	-3 dBm

## Product size (mm)



Optical model	Port type			
	10/100BaseT	10/100/1000BaseT	100BaseFX	1000BaseFX
			Single mode/multimode	
M2GF26GT-24POE-M	-	26	-	2

### Parking list

- Ethernet switch
- Installation accessories
- User's Manual
- Warranty Card & Conformity Certificate