

### LM-500UGP-I



## OVERVIEW

The LM-500UGP-I is a 10/ 100/ 1000M industrial PoE Ethernet fiber switch independently developed by LANMUS. It is designed to meet industrial fields and systems and can operate stably for a long time in harsh environments. It has 4\*10/ 100/ 1000M PoE port (Each port has a power supply of 15.4w and a maximum power of 30w per port) 1\* 1000Base-TX uplink port, Each port can support full line-rate forwarding.

LM-500UGP-I industrial PoE Ethernet switch has excellent industrial field environment adaptability(including mechanical stability, climate adaptability, electromagnetic environment adaptability, etc.), protection level up to IP40, It can support dual redundant power supply, low power consumption and no fan cooling technology, 3-year warranty. It is suitable for industrial scenes such as intelligent transportation, rail transit, electric power, mining, metallurgy and green energy construction to form a cost-effective and stable communication network.

# LM-500UGP-I

## FEATURE

### 1000M Ethernet access

- Support " 10/ 100/ 1000M PoE port and uplink SFP port" combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- Support non-blocking wire-speed forwarding.
- Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

### Port lightning protection, wide voltage input

- Contact discharge 8KV, air discharge 15KV; port lightning protection common-mode 4KV, differential mode 2KV;
- Industrial dual power input.
- DC INPUT: 48V-57V

### Stable and reliable

- CE, FCC, RoHS.
- Low power consumption, No fan, aluminum shell.
- The user-friendly panel, it can show the device status through the LED indicator of PWR, Link.

Model	LM-500UGP-I
<b>Interface Characteristics</b>	
Fixed Port	4*10/ 100/ 1000Base-TX PoE port 1* 1000Base-X uplink SFP port
Ethernet Port	10/ 100/ 1000Base-TX auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-T: Cat5e or later UTP(≤100 meter) 1000BASE-T : Cat5e or later UTP(≤100 meter)

# LM-500UGP-I

ChipParameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3u100Base-SX, IEEE802.3x IEEE802.3ab 1000Base-T ; IEEE802.3z 1000Base-X ;	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	10Gbps	
Buffer Memory	7.44Mpps	
MAC	8K	
LED Indicator	PowerIndicatorLight	P : 1 Green
	On the PoE seat	Yellow:Indicate PoE
		Green: Indicates network working status
PoE characteristics		
power supply	DC : 52v	
PoE power supply method	Supports 1,2+, 3,6-power supply	
PoE output power	Each port has a power supply of 15.4w and a maximum power of 30w per port	
Physical Parameter		
Operation TEMP / Humidity	-40~+75°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing	
Dimension (L*W*H)	116mm* 86.5mm*32.5mm	
Installation	Desktop, DIN rail	