

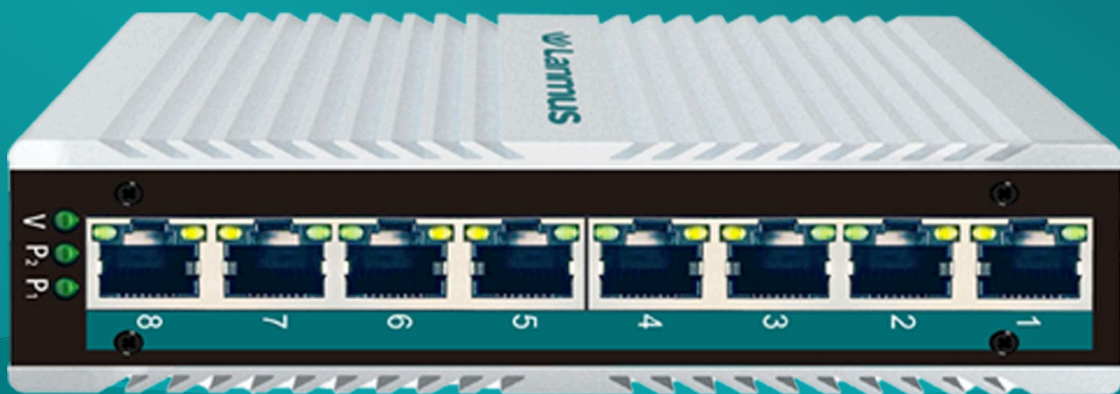


LM-800UGP-I

DATASHEET

Industrial Unmanaged PoE Switches 8 Port 10/100/1000 Base-T

The LM-800UGP-I is an industrial 10/100/1000M PoE Ethernet fiber switch designed for long-term stable operation in harsh environments. Featuring 8 PoE ports with up to 30W per port and full line-rate forwarding, it provides reliable network connectivity and power delivery. Built for industrial resilience - including mechanical, climate, and electromagnetic adaptability - with IP40 protection, dual redundant power supply, low power consumption, and fanless cooling, it ensures high reliability.



Product Overview

The LM-800UGP-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 8 × 10/100/1000M PoE ports (each port has a power supply of 15.4W and a maximum power of 30W per port). Each port can support full line-rate forwarding.

The LM-800UGP-I industrial PoE Ethernet switch has excellent industrial field environment adaptability (including mechanical stability, climate adaptability, electromagnetic environment adaptability, etc.), with a protection level up to IP40.

It can support dual redundant power supply, low power consumption, and no-fan cooling technology, and comes with a 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.

1000M ETHERNET ACCESS

- Support "10/100/1000M PoE port and uplink 10/100/1000M 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.
- PoE DC INPUT: 48V–57V.

STABLE AND RELIABLE

- CE, FCC, RoHS.
- Low power consumption, no fan, aluminum shell.
- The user-friendly panel can show the device status through the LED indicators: PWR, Link.

SPECIFICATION

MODEL	LM-800UGP-I
Interface Characteristics	
Fixed Port	8*10/ 100/ 1000Base-TX PoE 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)
Chip Parameter	
Forwarding Mode	Store and Forward(Full Wire Speed)
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;
Switching Capacity	16Gbps
Buffer Memory	11.9Mpps
MAC	8K
LED Indicator	Power Indicator Light P : 1 Green On the PoE seat Yellow:Indicate PoE Green: Indicates network working status

SPECIFICATION

MODEL	LM-800UGP-I
PoE characteristics	
Power supply	DC : 48-57V
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)	141mm* 100mm*41mm
Installation	Desktop, DIN rail

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