



LM-802UFE-P

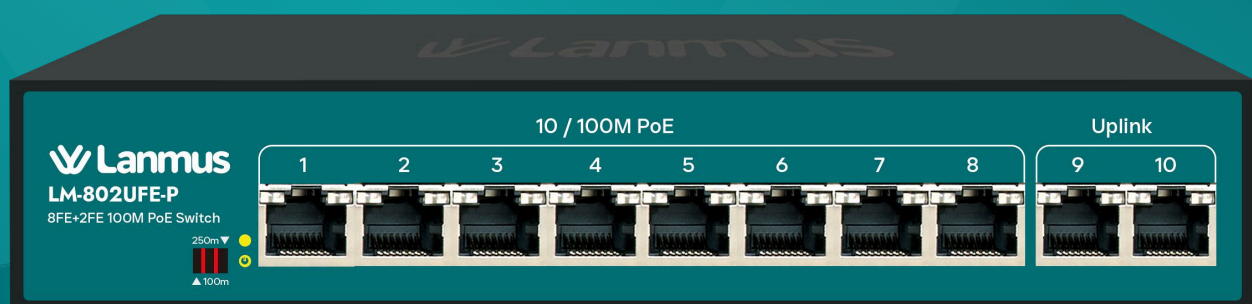
DATASHEET

Unmanaged PoE Switches

8FE + 2FE 100M POE Switch

The 8-Port Fast Ethernet port Switch is designed for high-definition security surveillance, featuring 8 PoE downlink ports and 2 uplink ports with a total power budget of 120W.

It supports fast and stable data transmission with robust lightning and ESD protection, ensuring reliable performance in demanding environments.



PRODUCT INTRODUCTION

Product Overview

The 8-Port PoE Fast Ethernet Switch is a high-performance solution designed for modern security surveillance and high-definition video transmission systems.

It comes equipped with 8 downlink 10/100/1000Base-T PoE ports and 2 uplink 10/100/1000 Base-T ports, ensuring seamless data forwarding and sufficient backplane bandwidth for clear images and smooth video streaming.

Built to industry standards, the switch supports IEEE802.3, IEEE802.3u, IEEE802.3x, and IEEE802.3ab, delivering stable and efficient networking performance even in demanding environments.

Each PoE port provides up to 30W output, with a total power budget of 120W, making it ideal for powering IP cameras, wireless access points, and VoIP phones.

For protection and reliability, the device integrates 6KV lightning protection and ESD safeguards, ensuring uninterrupted performance under harsh electrical conditions. It also supports a one-key CCTV mode and VLAN functionality to reduce network storms, enhance data security, and prevent cyber threats.

Its compact, sturdy design allows easy installation in tight spaces, while the plug-and-play setup requires no complex configuration—making deployment fast and effortless.

The 8-Port PoE Ethernet Switch is a reliable, high-stability networking solution built to meet the growing demands of modern surveillance systems and Ethernet based projects.

HIGH-PERFORMANCE DESIGN

- Created for high-definition Ethernet surveillance systems that require fast data forwarding and stable transmission.

PORT CONFIGURATION

- 8 × 10/100/1000Base-T PoE downlink ports
- 2 × 10/100/1000Base-T uplink ports

POE POWER SUPPLY

- Supports IEEE 802.3af/at standards
- 30W max per port
- 120W total power budget
- Ideal for IP cameras, wireless APs, VoIP phones

NETWORK STANDARDS SUPPORTED

- IEEE802.3
- IEEE802.3u
- IEEE802.3x
- IEEE802.3ab

PROTECTION & STABILITY

- 6KV lightning protection
- ESD protection and anti-interference circuitry
- Ensures stable operation in harsh environments

SECURITY & CONTROL

- One-key CCTV mode
- VLAN function to prevent network storms and cyber attacks
- Enhances information security

EASY INSTALLATION

- Compact and stable design
- Plug-and-play operation
- No configuration required

SPECIFICATION

MODEL	LM-802UGP
Interface Characteristics	
Downstream Ports	8*10/100/100 Base-T (PoE)
Uplink Ports	2*10/100/100 Base-T
Chip Parameter	
Network Standard	IEEE802.3; IEEE802.3u; IEEE802.3x; IEEE802.3ab
Switching capacity	20Gbps
Throughput	14.88Mpps
Switch Processing Scheme	Store and Forward
Memory Buffer	1.5M
MAC Table	4K
Power	
PoE Standard	802.3af/at(PSE)
PsE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	Single port power 15.4w, maximum port power 30w

SPECIFICATION

MODEL	LM-802UGP
Power	
PoE Total Power	120w
Power Supply	DC:52V1.25A
Power Dissipation	<5w
Physical Parameter	
Work temperature	-20°C~55°C
Storage temperature	-20°C~75°C
Humidity	5%-95%
Dimension (L ×W × H)	195mm×130mm×40mm
Regulator	CE, FCC, ROHS
Content	Unit
10-port 10/100/1000M PoE Ethernet switch	1 unit
power line	1 article
User Guide	1 book
Warranty Card	1 sheet

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