



**LM-402UFE-P**

DATASHEET

# Unmanaged PoE Switches 4GE+2GE, Gigabit POE Switch

The 4-Port PoE Ethernet Switch is a compact, plug-and-play device designed for high-definition surveillance systems, featuring 4 PoE downlink ports and 2 uplink ports with fast data forwarding and stable performance.

It supports IEEE802.3 standards, delivers up to 30W per port with a 65W total power budget.



# PRODUCT INTRODUCTION

## Product Overview

**The 4-Port PoE Ethernet Switch is a compact, high-efficiency switch designed for Ethernet-based high-definition surveillance and security systems. I**

It features 4×10/100/1000Base-T PoE downlink ports and 2×10/100/1000Base-T uplink ports, ensuring smooth and clear video data transmission through its fast packet forwarding and sufficient backplane bandwidth. Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, and IEEE802.3ab standards, this switch includes a built-in 52V1.25A (65W) power supply, delivering up to 30W per port, with a total power output of 65W, ideal for powering IP cameras and surveillance equipment.

With robust 6KV lightning protection, ESD safeguards, and excellent anti-interference capability, it offers increased stability and durability in harsh environments. The switch also supports a one-key CCTV mode with built-in VLAN functionality to isolate broadcast storms, prevent virus transmission, and enhance overall data security.

Built to meet IEEE802.3, IEEE802.3u, IEEE802.3x, and IEEE802.3ab standards, the switch integrates a 52V 1.25A (65W) power supply capable of delivering up to 30W per port. This makes it ideal for powering multiple high-power devices simultaneously without the need for additional power sources. Reliability is at the core of its design. With 6KV lightning protection, advanced ESD safeguards, and strong anti-interference capability, the switch ensures consistent performance in harsh or outdoor-adjacent environments where surges and static discharges are common. This enhanced protection lowers maintenance costs and extends the product's lifespan.

Its plug-and-play operation eliminates the need for complex configuration, making it easy to deploy. Designed with a compact and stable structure, it is ideal for wall or desktop installation in small to medium-sized surveillance scenarios.

This switch is a reliable, user-friendly solution for meeting the demands of video security networks and various Ethernet projects.

## PORT CONFIGURATION

- 4 × 10/100/1000Base-T PoE Ethernet downlink ports
- 2 × 10/100/1000Base-T Ethernet uplink ports

## POWER SUPPLY & POE

- Built-in power adapter: 52V 1.25A, total power: 65W
- PoE output per port:
  - IEEE802.3af: up to 15.4W
  - IEEE802.3at: up to 30W
- Total PoE budget: 65W
- Power input: DC 52V 1.25A

## STANDARDS COMPLIANCE

- IEEE 802.3 (Ethernet)
- IEEE 802.3u (Fast Ethernet)
- IEEE 802.3x (Flow Control)
- IEEE 802.3ab (Gigabit Ethernet)

## PROTECTION FEATURES

- 6KV lightning protection
- ESD protection
- Strong anti-interference capability

## PHYSICAL & INSTALLATION

- Compact and stable structure
- Easy to install (wall-mount or desktop)

## KEY FUNCTIONS

- One-key CCTV mode for video optimization
- VLAN isolation to prevent broadcast storms and enhance security
- Plug-and-play operation – no configuration required

# SPECIFICATION

MODEL	LM-402UFE-P
<b>Interface Characteristics</b>	
Downstream Ports	4*10/100/1000Base-T (PoE)
Uplink Ports	2*10/100/1000Base-T
<b>Chip Parameter</b>	
Network Standard	IEEE802.3 IEEE802.3u IEEE802.3X IEEE802.3ab
Switching capacity	12Gbps
Throughput	8.93Mpps
Switch Processing Scheme	Store and Forward
Memory Buffer	1M
MAC Table	2K
<b>Power</b>	
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-402UFE-P
<b>Power</b>	
PoE Total Power	65w
Power Supply	DC:52V1.25A
Power Dissipation	<5w
Buffer Memory	41.6Mpps
<b>Physical Parameter</b>	
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
<b>Content</b>	<b>Unit</b>
6-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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