

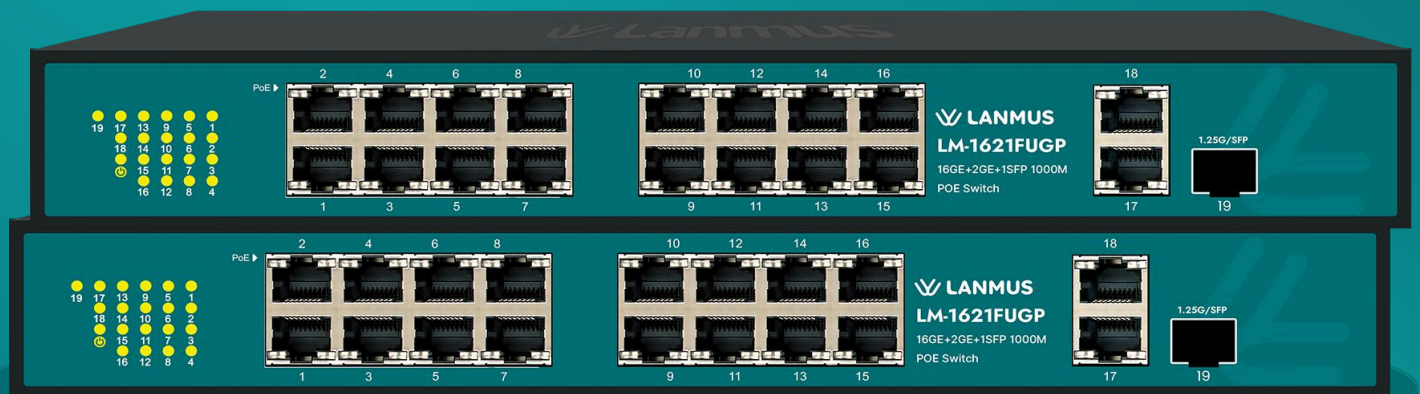


LM-1621FUGP

DATASHEET

Unmanaged POE Switches 16GE+2GE+1SFP 1000M POE

The 16-Port PoE Ethernet Switch is designed for high-definition security surveillance, featuring 16 PoE downlink ports, 2 uplink Ethernet ports, and 1 uplink SFP optical port. It supports IEEE standards for stable data transmission and delivers up to 30W per PoE port with a total power capacity of 260W.



PRODUCT INTRODUCTION

Product Overview

The 16-Port PoE Ethernet Switch is a robust and intelligent networking device designed specifically to meet the high demands of Ethernet-based high-definition security surveillance systems.

With a total of 16 downlink 10/100/1000Base-T PoE Ethernet ports, 2 uplink 10/100/1000Base-T ports, and 1 uplink 1000Base-X SFP optical port, this switch offers comprehensive connectivity for various network topologies and ensures flexibility in deployment.

It supports IEEE802.3, IEEE802.3u, IEEE802.3x, and IEEE802.3ab standards, delivering excellent compatibility and seamless communication with a wide range of devices. Each PoE port can provide up to 30W of power, with a total power output capacity of 260W, which is ideal for powering IP cameras, VoIP phones, wireless APs, and other PoE-enabled devices without requiring separate power sources. Engineered for reliability, the switch includes superior 6KV lightning protection and ESD protection to safeguard connected devices against electrical surges and static discharges, enhancing system stability even in harsh environments.

The one-key CCTV mode and integrated VLAN functionality are designed to simplify surveillance network setup while effectively limiting broadcast storms, isolating ports for better security, and preventing unauthorized access or cyber attacks.

With all these features combined, the 16-Port PoE Ethernet Switch is an ideal choice for medium to large-scale surveillance deployments in businesses, campuses, residential complexes, and other high-security environments requiring efficient, stable, and secure networking solutions.

PURPOSE-BUILT FOR SURVEILLANCE

- Designed for high-definition Ethernet surveillance systems, ensuring smooth video streaming and clear image quality with fast packet forwarding and ample backplane bandwidth.

PORT CONFIGURATION

- 16× 10/100/1000Base-T PoE downlink ports
- 2× 10/100/1000Base-T Ethernet uplink ports
- 1× 1000Base-X SFP uplink optical port

POE POWER SUPPLY

- IEEE802.3af/at standard
- 15.4W (typical), 30W (max) per port
- 260W total power budget
- Supports devices like IP cameras, wireless APs, and VoIP phones

NETWORK STANDARDS SUPPORTED

- IEEE802.3
- IEEE802.3u
- IEEE802.3X
- IEEE802.3ab

PROTECTION & STABILITY

- 6KV lightning protection
- Advanced ESD and surge protection
- High anti-interference capability for enhanced reliability

SECURITY & CONTROL

- One-key CCTV mode
- VLAN function to control broadcast storms
- Prevents data leakage, virus transmission, and cyber-attacks

USER-FRIENDLY DESIGN

- Stable and compact construction
- Easy installation
- Plug-and-play operation, no configuration required

SPECIFICATION

MODEL	LM-1621FUGP
Interface Characteristics	
Downstream Ports	16*10/100/1000Base-T (PoE)
Uplink Ports	2*10/100/1000 Base-T RJ-45 ; 1*1000 Base-X SFP
Chip Parameter	
Network Standard	IEEE802.3 IEEE802.3u IEEE802.3X IEEE802.3ab
Switching capacity	38Gbps
Throughput	28Mpps
Switch Processing Scheme	Store and Forward
Memory Buffer	4M
MAC Table	8K
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-1621FUGP
Power	
PoE Total Power	260w
Power Supply	52V/3.8A
Power Dissipation	<15w
Physical Parameter	
Work temperature	-20°C~55°C
Storage temperature	-20°C~75°C
Humidity	5%-95%
Dimension (L ×W × H)	310mm*210mm*44mm
Regulator	CE, FCC, ROHS
Content	Unit
19-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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Unmanaged Switch

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