

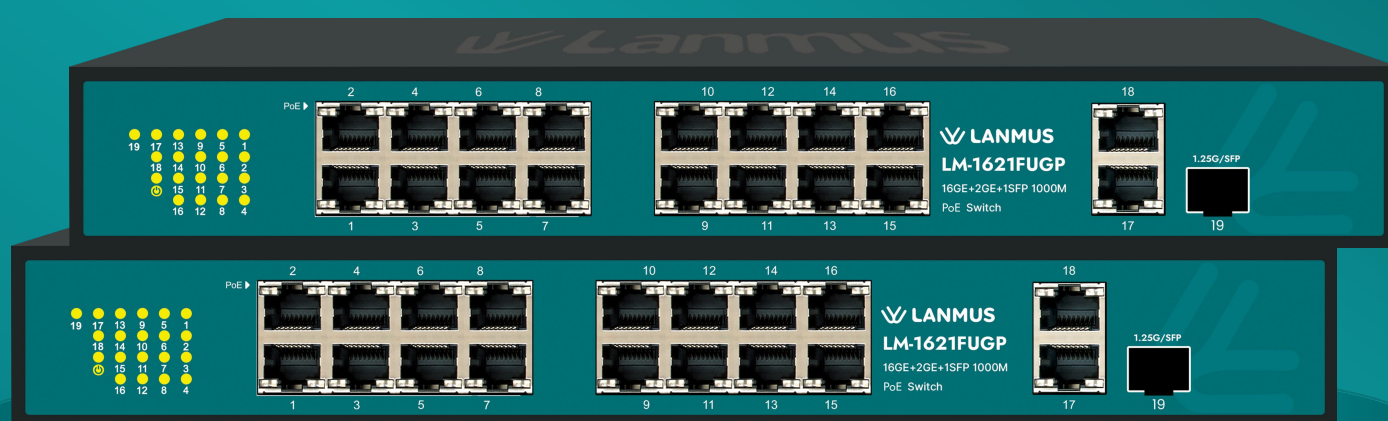


LM-1621FUGP

DATASHEET

Unmanaged Gigabit PoE Switch 16GE+2GE+1SFP

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 10/100/1000 Base-T PoE Ethernet ports, 2 uplink 10/100/1000 Base-T ports, and 1 uplink 1000 Base-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.

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.

Highlight Features

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 × 10/100/1000 Base-T PoE downlink ports
- 2 × 10/100/1000 Base-T Ethernet uplink ports
- 1 × 1000 Base-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

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 * 10/100/1000 Base-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
PoE Total Power	260w
Power Supply	52V/3.8A

SPECIFICATION

MODEL	LM-1621FUGP
POWER	
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, ROHS
CONTENT	
19-port 10/100/1000M PoE Ethernet switch	1 unit
Power line	1 article
User Guide	1 book
Warranty Card	1 sheet



Unmanaged Switch

DATA SHEET | LM-1621FUGP



LANMUS.COM