

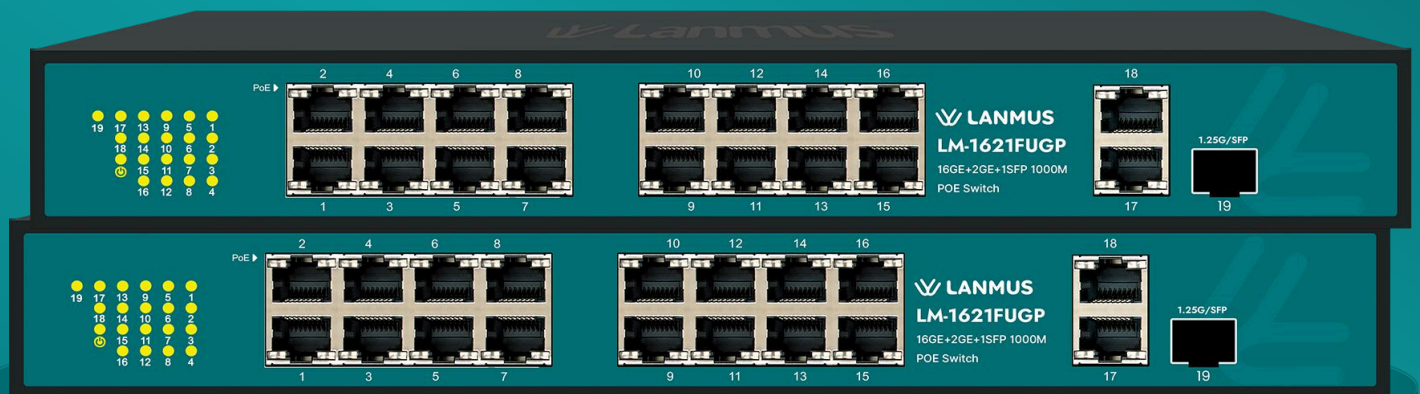


LM-1621FUGP

DATASHEET

Unmanaged Gigabit POE Switch 16GE+2GE

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 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.

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 |

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, 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 |

 Lanmus

Unmanaged Switch

DATA SHEET | LM-1621FUGP



LANMUS.COM