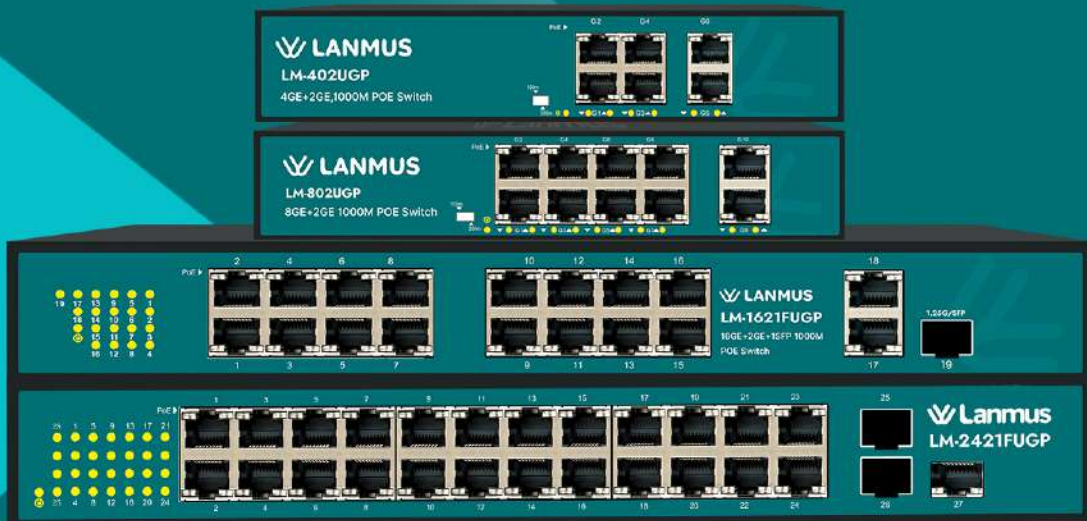




UNMANAGED NETWORK POE SWITCH



For those seeking straightforward, plug-and-play networking, our unmanaged switches provide hassle-free setup with no configuration. These switches are ideal for small businesses, home offices, or any environment where basic network connectivity is needed without the complexities of management.

01 Product Overview

For those seeking straightforward, plug-and-play networking, our unmanaged switches provide hassle-free setup with no configuration required. These switches are ideal for small businesses, home offices, or any environment where basic network connectivity is needed without the complexities of management.

02 Product Appearance



LM-402UGP



LM-802UGP



LM-1621FUGP



LM-2421FUGP

03 Product Features

Carrier- class Reliability

Lanmus unmanaged PoE switches are designed to provide high availability, durability, and seamless power delivery for mission-critical applications.

While unmanaged switches typically lack advanced management features, Lanmus models ensure carrier-class reliability through robust hardware design and efficient PoE power management. These switches combine high availability, power efficiency, and durable hardware design for consistent performance. Built for 24/7 non-stop operation, they feature plug-and-play functionality with zero configuration required, making deployment seamless.

High Availability & Reliability

Lanmus unmanaged PoE switches are designed to ensure network operation with minimal downtime, making them ideal for mission-critical applications.

Their high availability is achieved through a non-blocking switching architecture, ensuring consistent data flow without packet loss—even under heavy network loads. These switches support IEEE 802.3af/802.3at PoE standards, providing stable power delivery to connected devices such as IP cameras, access points, and VoIP phones.

Power Efficiency and PoE Flexibility

Lanmus unmanaged PoE switches are designed with energy efficiency and flexible power delivery in mind, making them ideal for powering a variety of PoE devices while reducing operational costs.

These switches support IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) standards, ensuring efficient power distribution to connected devices such as IP cameras, wireless access points, and VoIP phones.



Power over Ethernet (PoE) Support

Lanmus unmanaged PoE switches provide seamless Power over Ethernet (PoE) support, ensuring reliable power delivery and data transmission over a single Ethernet cable.

They are IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) compliant, allowing each port to supply up to 30W of power, with a total PoE budget that varies by model (e.g., 65W, 120W, 250W).

Featuring intelligent power management, these switches automatically detect and allocate the necessary power to connected devices, preventing overload and prioritizing critical network components.

Durability & Environmental Resilience:

Lanmus unmanaged PoE switches are built with rugged, high-quality materials to ensure long-lasting durability and reliable operation in various environmental conditions.

Encased in a sturdy metal housing, these switches provide superior heat dissipation, reducing the risk of overheating and enabling fanless, silent operation for long-term performance. Industrial-grade capacitors and components further enhance durability, ensuring stable operation even in demanding network environments.



Plug-and-play Operation

Lanmus unmanaged PoE switches are designed with true plug-and-play functionality, ensuring hassle-free deployment without the need for manual configuration.

Unlike managed switches, which require complex setup and network administration, these unmanaged switches work straight out of the box, making them ideal for users who need quick and reliable connectivity without technical expertise.

Each switch features auto-sensing PoE ports, which automatically detect and deliver power to compatible devices such as IP cameras, wireless access points, and VoIP phones without requiring additional power adapters.

Smart Power Management

Lanmus unmanaged PoE switches are designed with true plug-and-play functionality, ensuring hassle-free deployment without the need for manual configuration.

Unlike managed switches, which require complex setup and network administration, these unmanaged switches work straight out of the box, making them ideal for users who need quick and reliable connectivity without technical expertise.

Each switch features auto-sensing PoE ports, which automatically detect and deliver power to compatible devices such as IP cameras, wireless access points, and VoIP phones - all without requiring additional power adapters.



04 Product Specifications

INTERFACE CHARACTERISTICS	LM-402UGP	LM-802UGP	LM-1621FUGP	LM-2421FUGP
Downstream Ports	4*10 / 100 / 1000 Base-T (PoE)	8*10/100/1000 Base-T (PoE)	16*10 / 100 / 1000 Base-T (PoE)	24*10 / 100 / 1000 Base-T (PoE)
Uplink Ports	2*10 / 100 / 1000 Base-T	2*10 / 100 / 1000 Base-T	2*10 / 100 / 1000 Base-T RJ-45; 1*1000 Base-X SFP	2*10 / 100 / 1000 Base-T RJ-45; 1*1000 Base-X SFP
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3X,	IEEE802.3, IEEE802.3u, IEEE802.3X,	IEEE802.3, IEEE802.3u, IEEE802.3X,	IEEE802.3, IEEE802.3u, IEEE802.3X,
CHIP PARAMETER				
Switch Capacity	12Gbps	20Gbps	38Gbps	54Gbps
Throughput	8.93Mpps	14.88Mpps	28Mpps	40.176Mpps
Switch Processing Scheme	Store and Forward	Store and Forward	Store and Forward	Store and Forward
Memory Buffer	1M	1.5M	4M	4M
MAC Table	2K	4K	8K	8K
POE CHARACTERISTICS				
PoE Standard	802.3af / at(PSE)	802.3af / at(PSE)	802.3af / at(PSE)	802.3af / at(PSE)
PsE Type	End-span	End-span	End-span	End-span
Power Pin Assignment	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)
PoE Power Output	Single port power 15.4w, maximum port power 30w	Single port power 15.4w, maximum port power 30w	Single port power 15.4w, maximum port power 30w	Single port power 15.4w, maximum port power 30w
PoE Total Power	65w	120w	260w	360W
CERTIFICATION & WARRANTY				
Power Line	1 article	1 article	1 article	1 article
User Guide	1 book	1 book	1 book	1 book
Warranty Card	1 sheet	1 sheet	1 sheet	1 sheet

Product Specifications

PHYSICAL PARAMETER				
Power Dissipation	<5w	<5w	<15w	<20w
Work temperature	-20°C~55°C	-20°C~55°C	-20°C~55°C	-20°C~55°C
Storage temperature	-20°C~75°C	-20°C~75°C	-20°C~75°C	-20°C~75°C
Humidity	5%-95%	5%-95%	5%-95%	5%-95%
Dimension (L×W×H)	195mm×130mm×40mm	195mm×130mm×40mm	310mm*210mm*44mm	310mm*210mm*44mm
Regulator	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS



**LANMUS UNMANAGED POE SWITCH
DATA SHEET**

