LINKSYS

LGS318P-EU

18-port Gigabit Smart Switch

DESCRIPTION

The LSG318P PoE+ Gigabit Switch designed for business-class management, security, speed, and quality of service provides a network that your business can grow on.

FEATURES

18 Gigabit Ethernet ports (2x RJ45/SFP Combo port)

16 Integrated Power over Ethernet Plus (PoE+) ports

Easy configuration and management

Energy Efficiency

Network Security

IPv6 support

This Power over Ethernet Plus (PoE+) Smart Switch support the latest 802.3at (PoE+) standards and provide up to double the power budget per Gigabit Ethernet port while offering 802.3af (PoE) backwardcompatibility. Power over Ethernet reduces electrical wiring costs, simplifies installation, and supports network devices such as IP cameras and wireless access points in optimal indoor and outdoor locations

Unauthorized access to the network and mission-critical data is a constant concern. This Smart switch helps to secure networks through port authentication and MAC-based port security, requiring clients to authenticate themselves before any data is passed. Advanced DHCP snooping and IP-MAC binding functions ensure network integrity and help prevent network attacks.

This Smart switch includes features for quickly expanding and growing your network. Multiple high-bandwidth trunks between switches enhance availability and redundancy. Spanning Tree Protocol (STP) and Storm Control features help control planned or inadvertent cable loops, so you can confidently build a mesh of switches and quickly expand your network to support your growing workforce.

Perfomance

Total system Ports	18GE
Number of Ports with PoE+	16
Number of VLAN's Supported	128 active VLANs (4,096 range)
Satus LEDS	System (blue), Link/Act/PoE (green/green)
Memory	128MB
Forwarding Rate	26.79 Mpps
Switching Capacity	36Gbps
Mac Address Table Size	8K
Jumbo Frame (FE, GE)	9K
Fans	One, 8.200 rpm
Network standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3ad,
	IEEE 802.3az, IEEE 802.3af, IEEE 802.3at, IEEE 802.1d, IEEE 802.1q/p, IEEE 802.1X
Security Features	802.1x Radius authentication
	DHCP snooping
	IP-MAC binding
	Port security supports limited dynamic lock and locked MAC address
	Management access control

Physical Characteristics

Length	440mm (17.3")
Width	200mm (7.9")
Height	44mm (1.7")
Weight	2.78Kg

Electrical

Power input	100-24V / 50-60Hz / 2.5A max
Power Dedicated to PoE+	125W
System Power consumption without PoE+	110V / 19.47W
	220V / 19.39W

Environmental

Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-40 to 70°C (-40 to 158°F)
Operating Humidity	10 to 90% RH
Storage Humidity	10 to 90% RH (non-condensing)

Ordering Info

LGS318P-EU	Switch, 18x Gigabit PoE port, 2x Combo, 125W

RELATED

Linksys LGS308P-EU
8-port PoE+ Gigabit Smart Switch

Linksys LGS326P-EU
26-Port Gigabit Smart switch