

Linksys Smart Gigabit PoE+ Switches



8-Port Business Smart Gigabit PoE+ Switch - 130W
(LGS308MP)



26-Port Business Smart Gigabit PoE+ Switch - 384W
(LGS326MP)

Key Features

- 8 or 26 Gigabit Ethernet ports
- Integrated Power over Ethernet Plus (PoE+)
- Easy configuration and management
- Proven performance and reliability
- Energy efficiency
- Network security
- IP telephony support
- IPv6 support
- Ideal for surveillance cameras, access control, ProAV, projectors, access points, VoIP phones, and other demanding applications.

Designed for business-class management, security, speed, and quality of service, Linksys Smart PoE+ Gigabit Switches provide a network your business can grow on.

Quality of Service (QoS)

Numerous QoS features ensure that traffic is prioritized properly to deliver the best possible user experience for real-time applications like voice and video along with bandwidth-intensive graphic/video file uploads and downloads. IGMP snooping limits IP multicast traffic to the ports that requested it, enabling the rest of the network to operate at peak efficiency.

Power over Ethernet Plus (PoE+)

Linksys smart switches support the latest 802.3at (PoE+) standards and provide up to double the power budget per Gigabit Ethernet port while offering 802.3af (PoE) backward-compatibility. 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.

Network Security

Unauthorized access to the network and mission-critical data is a constant concern. Linksys smart switches help 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.

Network Expansion

Linksys smart switches include 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.

Linksys Smart Gigabit PoE+ Switches



Hardware Specifications

| Model | 8-Port Business Smart Gigabit PoE+ Switch | 26-Port Business Smart Gigabit PoE+ Switch |
|---------------------------------------|--|---|
| Part # | LGS308MP | LGS326MP |
| Total System Ports | 8GE | 26GE |
| Copper FE/GE Ports (RJ45) | g1–g8 | g01–g12, g13–g24 |
| Combo Ports (RJ45 + SFP) | NA | 2 combo on ports g25, g26 |
| Status LEDs | System (blue), Link/Act/PoE (green/green) | System (blue), Link/Act/PoE (green/green) |
| CPU Memory DRAM | 128 MB | 128 MB |
| Power Input | 100–240V 50–60 Hz (3.34A max) | 100–240V 50–60 Hz (7.5A max) |
| Power Dedicated to PoE+ | 130W | 384W |
| Number of Ports with PoE+ Support | 8 | 24 |
| Green Power Mode | EEE+, Short Reach + Energy Detect | EEE+, Short Reach + Energy Detect |
| System Power Consumption without PoE+ | 110V:10.82W 220V:10.59W | 110V:25.2W 220V:25.5W |
| Forwarding Rate | 11.90 Mpps | 38.69 Mpps |
| Switching Capacity | 16 Gbps | 52 Gbps |
| MAC Address | 8K | 8K |
| Jumbo Frame (FE, GE) | 9K | 9K |
| Fans | NA | Yes (three 8,200 rpm) |
| Enclosure Dimension (L x W x H) | 210 x 104 x 25 mm (8.3 x 4.1 x 1.0 in.) | 440 x 200 x 44 mm (17.3 x 7.9 x 1.7 in.) |
| Device Weight | 0.58kg (1.28 lbs) | 3.14kg (6.95 lbs) |
| Operating Temperature | 0 to 50°C (32 to 122°F) | 0 to 50°C (32 to 122°F) |
| Operating Humidity | 10 to 90% RH | 10 to 90% RH |
| Storage Temperature | -40 to 70°C (-40 to 158°F) | -40 to 70°C (-40 to 158°F) |
| Storage Humidity | 10 to 90% RH (non-condensing) | 10 to 90% RH (non-condensing) |
| Warranty Period | Limited Lifetime (most countries)* | Limited Lifetime (most countries)* |

Software Specifications

| Model | Business Smart Gigabit PoE+ Switches |
|---------------------|---|
| Number of VLANs | 128 active VLANs (4,096 range) |
| VLAN | Port-based and 802.1q tag-based VLANs Management VLAN Guest VLAN support Dynamic VLAN assignment via Radius server with 802.1x client authentication |
| HOL Blocking | Head of line (HOL) blocking prevention |
| Web User Interface | Built-in Web UI for easy browser-based configuration (HTTP/HTTPS) |
| SNMP | Version 1, 2c and 3 |
| Firmware Upgrade | Web browser upgrade (HTTP) and TFTP |
| Port Mirroring | Traffic on multiple ports (up to 4 ports) can be mirrored to another port for analysis with a network analyzer |
| RMON | Embedded remote monitoring (RMON) software agent support for enhanced traffic management, monitoring, and analysis |
| Other Management | Telnet (menu-driven), DHCP client, system log, configuration unload and backup via HTTP or TFTP, PING, dual images, SNTIP |
| Security | 802.1x Radius authentication, DHCP snooping, IP-MAC binding, port security supports limited dynamic lock and locked MAC address, management access control |
| Link Aggregation | IEEE 802.3ad LACP, up to 4 groups with up to 8 ports per group |
| Storm Control | Broadcast, flooding, and multicast |
| Spanning Tree | IEEE 802.1d Spanning Tree, IEEE 802.1w Rapid Spanning Tree IEEE 802.1s Multiple Spanning Trees |
| IGMP Snooping | IGMP (v1/v2/v3) snooping provides for fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors; supports 256 multicast groups |
| QoS Priority Levels | 4 hardware queues |
| Scheduling | Priority queuing and weighted round robin (WRR) |
| Class of Service | Port-based, 802.1p priority-based, IPv4/v6 IP DSCP-based |
| Auto Voice VLAN | Voice traffic is automatically assigned by OUI to a voice-specific VLAN and treated with appropriate levels |
| Standards | 802.3 10Base-T Ethernet, 802.3u 100Base-T Fast Ethernet, 802.3ab 1000Base-T Gigabit Ethernet, 802.3z Gigabit Ethernet, 802.3x Flow Control, 802.3ad, 802.1d STP, 802.1q/p VLAN, 802.1x Port Access Authentication, 802.3af PoE+, 802.3at PoE, 802.3az Energy Efficient Ethernet |

* Limited lifetime warranty applies in all countries except:
France, Germany and Spain – 5 year warranty
Australia and New Zealand – 2 year warranty.

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