

## Linksys Unmanaged PoE+ Switches

8-Port Business Desktop Gigabit PoE+ Switch (LGS108P)



16-Port Business Desktop Gigabit PoE+ Switch (LGS116P)

24-Port Business Gigabit PoE+ Switch (LGS124P)



### Key Features and Benefits

- Wired connection speed up to 1,000 Mbps
- 8, 16, or 24 Gigabit Ethernet autosensing ports
- Quality of Service (QoS) traffic prioritization
- Power over Ethernet Plus (PoE+) support
- Easy plug-and-play connection

Upgrade the data paths of your local wired network to information superhighways with Gigabit switches at the desktop. Accelerate your performance and productivity when you send large files to network servers, drives, and printers at Gigabit speed. Power over Ethernet Plus (PoE+) capability also carries electrical power to peripheral devices without the need for additional outlets.

#### Gigabit Performance

These unmanaged PoE+ switches offer Gigabit speeds to minimize transfer times and greatly enhance the ability to stream high-bandwidth files to connected devices without interference.

#### Power Where You Need It

PoE+ support lets you deploy network systems such as wireless access, IP telephony, or video surveillance solutions more quickly and at a lower cost, without having to install separate power supplies for individual devices.

#### Plug-and-Play Convenience

Linksys unmanaged switches offer a quick and easy solution to extend your office network with plug-and-play installation.

#### Quality of Service (QoS) Traffic Prioritization

QoS traffic prioritization gives precedence to particular devices or activities to ensure mission-critical data throughput is maintained regardless of network congestion. Auto-sensing ports automatically optimize speed for each connected device.

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### Specifications



MODEL	LGS108P	LGS116P	LGS124P
<b>Standards</b>	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3af, and 802.3at (PoE+)	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3af, and 802.3at (PoE+)	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3af, and 802.3at (PoE+)
<b>Number of Ports</b>	8 Gigabit	16 Gigabit	24 Gigabit
<b>PoE+ Ports</b>	4 ports (first 1-4 ports)	8 ports (first 1-8 ports)	12 ports (ports 1-6 and 13-18)
<b>PoE+ Total Budget</b>	50W	80W	120W
<b>MAC Address Table Size</b>	4,000 entries	8,000 entries	8,000 entries
<b>Bandwidth</b>	16 Gbps (non-blocking)	32 Gbps (non-blocking)	48 Gbps (non-blocking)
<b>Performance</b>	Full line rate and forwarding rate of 64B frame at: 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488 Mpps for 10M port	Full line rate and forwarding rate of 64B frame at: 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488Mpps for 10M port	Full line rate and forwarding rate of 64B frame at: 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488 Mpps for 10M port
<b>Quality of Service</b>	802.1p and DSCP	802.1p and DSCP	802.1p and DSCP
<b>Status LEDs</b>	Link, speed, activity, and PoE indicators	Link, speed, activity, and PoE indicators	Link, speed, activity, and PoE indicators
<b>Power Supply</b>	External	External	Internal
<b>Power</b>	54V DC, 1.2A	54V DC, 1.78A	100–240V AC, 50/60Hz
<b>Power Saving</b>	Cable connected detection Sleep mode	Cable connected detection Sleep mode	Cable connected detection Sleep mode
<b>Power Consumption in Idle/Use (100% Traffic)</b>	1.71W/5.08W	5.18W/13.41W	8.69W/19.27W
<b>Fan</b>	None	None	One
<b>Unit Dimensions</b>	168 mm x 126 mm x 26 mm (6.6 x 5.0 x 1.0 in.)	288 mm x 132 mm x 26 mm (11.0 x 5.1 x 1.0 in.)	440 mm x 201 mm x 44 mm (17.3 x 7.9 x 1.7 in.)
<b>Unit Weight</b>	0.50 kg. (1.10 lbs.)	0.902 kg. (1.99 lbs.)	2.758 kg. (6.08 lbs.)
<b>Temperature (Operating)</b>	0 to 50°C (32 to 122°F)	0 to 50°C (32 to 122°F)	0 to 50°C (32 to 122°F)
<b>Temperature (Storing)</b>	-40 to 70°C (-40 to 158°F)	-40 to 70°C (-40 to 158°F)	-40 to 70°C (-40 to 158°F)
<b>Humidity (Operating)</b>	10 to 90% (non-condensing)	10 to 90% (non-condensing)	10 to 90% (non-condensing)
<b>Humidity (Storing)</b>	10 to 90% (non-condensing)	10 to 90% (non-condensing)	10 to 90% (non-condensing)
<b>Certifications</b>	FCC Class B, CD Class B	FCC Class B, CE Class B	FCC Class A, CE Class A, UL, CB
<b>Mounting</b>	Wall mount	Wall mount	Rack mount
<b>Minimum System Requirements</b>	Connected devices need Ethernet connectivity and Ethernet cables	Connected devices need Ethernet connectivity and Ethernet cables	Connected devices need Ethernet connectivity and Ethernet cables
<b>Warranty and Support</b>	5-year warranty <a href="http://www.linksys.com/support">www.linksys.com/support</a>	5-year warranty <a href="http://www.linksys.com/support">www.linksys.com/support</a>	5-year warranty <a href="http://www.linksys.com/support">www.linksys.com/support</a>
<b>Package Contents</b>	Linksys LGS108P 8-Port Gigabit Ethernet PoE+ Switch, Power Adapter, Quick Start Guide, Wall Mount Kit	Linksys LGS116P 16-Port Gigabit Ethernet PoE+ Switch, Power Adapter, Quick Start Guide, Wall Mount Kit	Linksys LGS124P 24-Port Gigabit Ethernet PoE+ Switch, Power Cord, Quick Start Guide, Rack Mount Kit

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