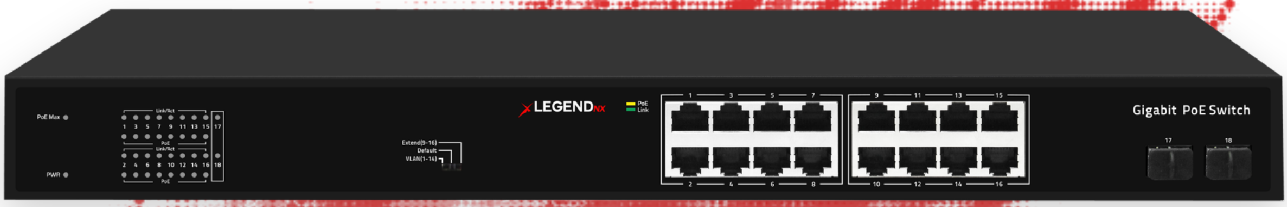
LGNX162POEG

16-Port Gigabit PoE Unmanaged Switch – 2 x Base-X Uplinks



16	2	200W	30W	36
PoE	SFP			Gbps
Gigabit PoE Ports	Uplink Ports	PoE Budget	Max. per Port	Switching

In Short

This 16-port Gigabit PoE unmanaged switch powers and connects up to sixteen IP cameras at full Gigabit speed, with two 1000 Mbps SFP (Base-X) uplink ports for fibre links to the recorder or core network. It delivers up to 30 W per port under IEEE 802.3af/at with a 200 W total PoE budget, and a front-panel DIP switch selects Default, VLAN or Extend mode, which reaches cameras on ports 9 to 16 up to 250 m away at 10 Mbps over Cat5e cable. A 36 Gbps switching capacity, 8K MAC table, built-in 110-240 V AC power supply, 1U 19-inch form factor and 8 kV ESD / 4 kV surge protection make it a robust, plug-and-play backbone for mid-size LegendNX installations.

Technical Specifications

Ordering Information	
Part Number	LGNX162POEG
Ports	
Total Ports	18
PoE Ports	16 × 10/100/1000 Mbps RJ45, max. 30 W per port
Uplink Ports	2 × 1000 Mbps SFP
Transmission Distance	Default: 0 to 100 m (1000 Mbps)
	Extend mode (ports 9 to 16): up to 250 m (10 Mbps) via Cat5e or better
Operating Modes	Default / VLAN / Extend, selected by DIP switch

*Design and specifications are subject to change without notice - Version 2026-11-09.

TECHNICAL SPECIFICATIONS

Auto MDI/MDIX	Supported on all ports
Performance	
Network Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
Switching Capacity	36 Gbps full duplex
Packet Forwarding Rate	26.784 Mpps
Forwarding Mode	Store-and-forward
Packet Buffer	4 Mb
MAC Address Table	8K
VLAN	Supported
Power over Ethernet	
PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Pin Assignment	1/2 (+), 3/6 (−)
PoE Power Budget	200 W
Max. Power per Port	30 W
LED Indicators	
PWR	On: powered | Off: no power
Link/Act	Off: link disconnected | On: link connected | Flashing: data transmitting
1000M	Off: 10/100 Mbps | On: 1000 Mbps
Protection	
ESD	Air discharge: 8 kV | Contact discharge: 6 kV
Surge Protection	RJ45 port: 4 kV common mode, 2 kV differential mode
	Power board: 4 kV common mode, 2 kV differential mode
General	
Power Supply	Built-in, 110-240 V AC, 50/60 Hz
Power Consumption	< 5 W
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Humidity	10% to 95%, non-condensing
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Colour	Black
Dimensions (L × W × H)	440 × 204 × 44 mm (17.32" × 8.03" × 1.73")
Weight	2.73 kg (6.02 lb), without input cable and packaging

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