LGNX242POEG

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



24	2	300W	30W	52
PoE	SFP			Gbps
Gigabit PoE Ports	Uplink Ports	PoE Budget	Max. per Port	Switching

In Short

This 24-port Gigabit PoE unmanaged switch powers and connects up to twenty-four 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 300 W total PoE budget, and a front-panel DIP switch selects Default, VLAN or Extend mode, which reaches cameras on ports 17 to 24 up to 250 m away at 10 Mbps over Cat5e cable. A 52 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 larger LegendNX installations.

Technical Specifications

Ordering Information	
Part Number	LGNX242POEG
Ports	
Total Ports	26
PoE Ports	24 × 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 17 to 24): 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	52 Gbps full duplex
Packet Forwarding Rate	38.68 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	300 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	2.85 kg (6.28 lb), without input cable and packaging

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