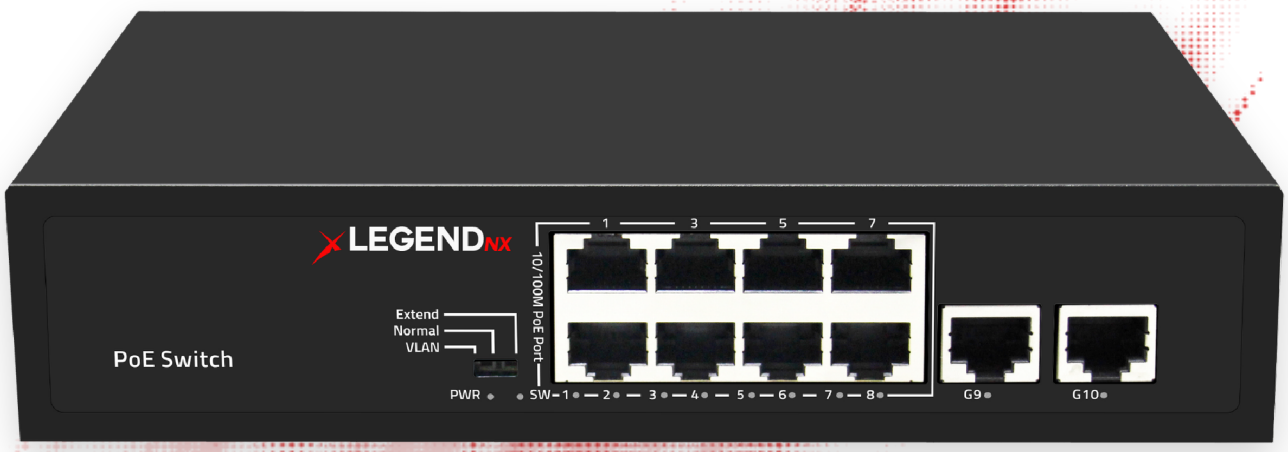
LGNX82POE

8-Port PoE Switch – 2 Uplink Ports



8	2	96W	30W	250m
PoE Ports	Uplink Ports	PoE Budget	Max. per Port	Extend Mode

In Short

This 8-port PoE switch powers and connects up to eight IP cameras from a single unit, with two Gigabit uplink ports to link to the recorder or network. It delivers up to 30 W per port under IEEE 802.3af/at with a 96 W total PoE budget, and a front-panel DIP switch selects Normal, VLAN (port isolation) or Extend mode, which reaches cameras up to 250 m away at 10 Mbps over Cat5e cable. A 5.6 Gbps non-blocking switching capacity, PoE watchdog, built-in 100-240 V AC power supply and 8 kV ESD / 4 kV surge protection make it a reliable, plug-and-play choice for LegendNX surveillance installations.

Technical Specifications

Ordering Information	
Part Number	LGNX82POE
Ports	
Total Ports	10
PoE Ports	8 × 10/100 Mbps RJ45, max. 30 W per port
Uplink Ports	2 × 10/100/1000 Mbps RJ45
Transmission Distance	Default: 0 to 100 m (100 Mbps)
	Extend mode: up to 250 m (10 Mbps) via Cat5e or better
Operating Modes	Normal (default) / VLAN / Extend, selected by DIP switch

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

TECHNICAL SPECIFICATIONS

Performance	
Network Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Switching Capacity	5.6 Gbps (non-blocking)
Packet Forwarding Rate	4.166 Mpps
Forwarding Mode	Store-and-forward
Packet Buffer	448K
MAC Address Table	2K
VLAN	Supported
PoE Watchdog	Supported
Power over Ethernet	
PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Pin Assignment	1/2 (+), 3/6 (−)
PoE Power Budget	96 W
Max. Power per Port	30 W
LED Indicators	
PWR	On: powered | Off: no power
Mode	Off: Normal (default) | On: VLAN | Flashing: Extend
RJ45 ACT	Off: link disconnected | On: link connected | Flashing: data transmitting
Protection	
ESD	Air discharge: 8 kV | Contact discharge: 6 kV
Surge Protection	RJ45 port: 4 kV common mode, 2 kV differential mode
	Power board: 2 kV common mode, 2 kV differential mode
General	
Power Supply	Built-in, 100-240 V AC, 50/60 Hz
Power Consumption	< 5 W
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Humidity	5% to 90%, non-condensing
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Colour	Black
Dimensions (L × W × H)	200 × 118 × 44 mm (7.87" × 4.65" × 1.73")
Weight	0.62 kg (1.37 lb), without input cable and packaging

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