POE-SW1602N
16-Port 100 Mbps Long-Range Unmanaged PoE

POE-SW1602N is a layer 2 100 Mbps PoE switch. Based on wire-speed forwarding, the switch supports Ethernet PoE power supply and extend mode. The power supply distance reaches as long as 820ft(250 m). It also supports prior and stable transmission of the important surveillance area video when connected to the high priority ports.

Feature and Function

- 16 × 100 Mbps PoE ports, and 2 × 1000 Mbps combos.
- IEEE 802.3at/af standard.
- IEEE 802.3, IEEE 802.3u and IEEE 802.3x standard.
- High priority ports.
- 8-core power supply.
- Upstream port link aggregation.
- Up to 820ft(250 m) transmission distance.
- 6 KV surge protection PoE ports.
- PoE power management.
- 100 Mbps network access.
- Wire-speed forwarding and non-blocking design.
- Store-and-forward switching.
- Solid high-strength metal shell.

Specification

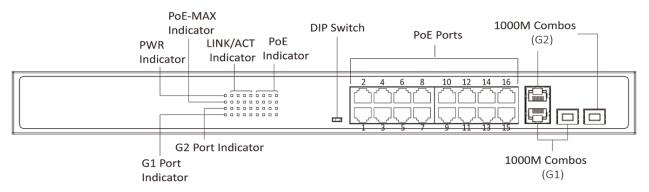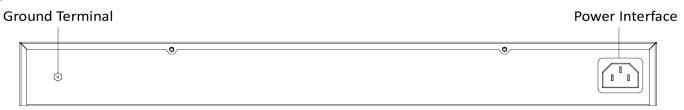| Model		POE-SW1602N
Network parameters	Port number	16 × 100 Mbps PoE ports, 2 × 1000 Mbps combos
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
	Forwarding mode	Store-and-forward switching
	Working mode	Standard mode (default); Extend mode
	High priority ports	Ports 1 to 8
	Ports for long-distance transmission	Ports 9 to 16
	Link aggregation port	G1 to G2
	MAC address table	4 K
	Switching capacity	7.2 Gbps
	Packet forwarding rate	5.356 Mpps
	Internal cache	2.75 Mbits
PoE power supply	PoE standard	IEEE 802.3af, IEEE 802.3at
	PoE power pin	Ports for long-distance transmission (9-16) support 8-core power supply, Ethernet cable 1/2/3/6 and 4/5/7/8 provide simultaneous power supply
		Ports for close-range transmission (1-8) support 4-core power supply, Ethernet cable 1/2/3/6 provide power supply
	PoE port	Ports 1 to 16
	Max. port power	30 W
	PoE power budget	230 W
	Max. power consumption	250 W
General	Shell	Metal material
	Gross weight	3.47 kg (7.65 lb)
	Net weight	2.65 kg (5.84 lb)
	Dimension (L × H × D)	440 mm × 44 mm × 220.8 mm (17.3" × 1.73" × 8.7")
	Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Storage temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating humidity	5% to 95% (no condensation)
	Storage humidity	5% to 95% (no condensation)
	Power supply	100 to 240 VAC, 50/60 Hz, Max. 4 A
	Power consumption in idle	20 W

Physical Interface

Front panel:

Back panel:

Optional Accessory

SFP Module	Fiber type	Connector	Date Rate	Wavelength	Distance
HK-SFP-1.25G-20-1310	Single fiber, Single-mode	LC	1250 Mbps	Tx1310nm/Rx1550nm	0 to 20 km
HK-SFP-1.25G-20-1550	Single fiber, Single-mode	LC	1250 Mbps	Tx1550nm/Rx1310nm	0 to 20 km
HK-SFP-1.25G-1310-DF-MM	Duplex fiber, Multi-mode	LC	1250 Mbps	Tx1310nm/Rx1310nm	0 to 1 km
HK-SFP-1.25G-20-1310-DF	Duplex fiber, Single-mode	LC	1250 Mbps	Tx1310nm/Rx1310nm	0 to 20 km

NOTE

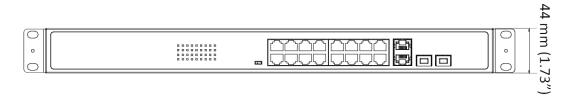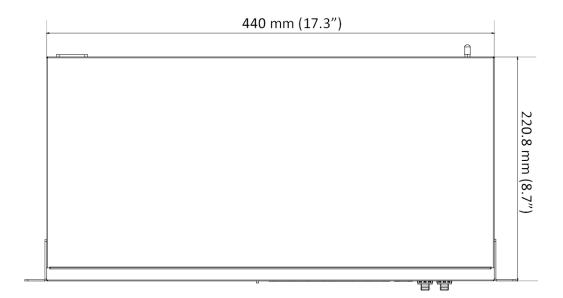HK-SFP-1.25G-20-1310 has to work with HK-SFP-1.25G-20-1550 as a pair.
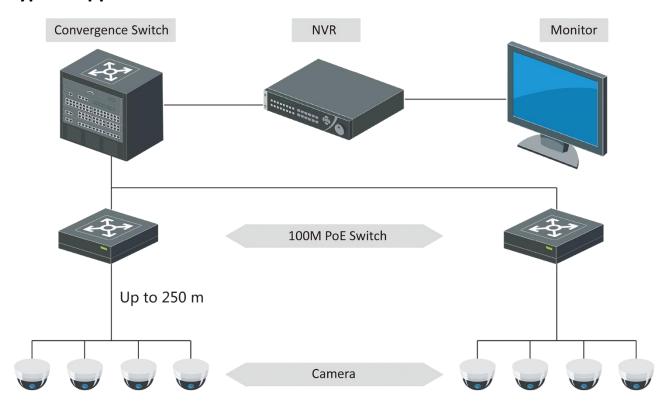
Dimension (unit: mm)

44 mm (1.73")

440 mm (17.3")

220.8 mm (8.7")

Typical Application

Convergence Switch   NVR   Monitor

100M PoE Switch

Up to 250 m

Camera