

# Extended Distance PoE Network Switch

This professional PoE enabled network switch allows for cabling distances of up to 820ft when used with Signature Series IP cameras.



## Key Features:

### Advanced Performance

- Extend cabling distance up to 820ft.
- Up to 30 Watts for a single port
- 802.3af compliant

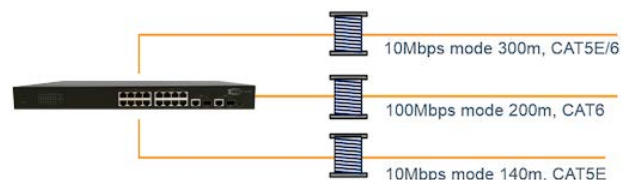


### Advanced Mechanical Design

- Wide temperature range (32°F ~ 104°F)
- 400 Watt total power budget
- Link/PoE Status LEDs
- 24 X 10/100Mbps ports + 2 X Gigabit combo ports
- All metal housing

### Advanced Functionality

- 8.8Gbps switching capacity
- 6.55Mbps packet forwarding rate
- Jumbo Frames support



## Specifications

Model	ESG-POE24EX
Ports	24 × 10/100Base-TX autosensing Ethernet ports (all support PoE) 2 × Gigabit combo ports (RJ45 and SFP)
Port attributes	10/100/1000Mbps transfer rate Half-duplex, full-duplex and auto-negotiation Auto MDI/MDIX
Standards	IEEE 802.3u 100BASE-TX
	IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-X ANSI/IEEE 802.3 NWay IEEE 802.3x flow control IEEE 802.3af and IEEE 802.3at PoE PoE
MAC	4K
Packet forwarding rate	6.55Mbps
Switching capacity	8.8Gbps
Jumbo frames	Support
EXTEND mode	Disabled: all ports can communicate with each other, and monitoring optimization is disabled. Enabled: downlink ports can only communicate with uplink ports; monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.
Status LEDs	Link/Act (steady green): link is normal Link/Act (flashing green): data is being forwarded Link/Act (off): no link PoE (steady orange): the port is powering a powered device properly PoE (off): the port is not connected to any powered device or is not supplying power Power (steady green): AC input is normal Power (off): AC input is abnormal
PoE	802.3at/af Max PoE capacity: 400W
Consumption	≤ 450
AC voltage	100-240V
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%-85%
Storage temperature	-10°C-70°C (14°F-158°F)
Storage humidity	10%-90%
Dimensions (W×D×H)	440mm×280mm×44mm (17.3"×11"×1.7")