

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

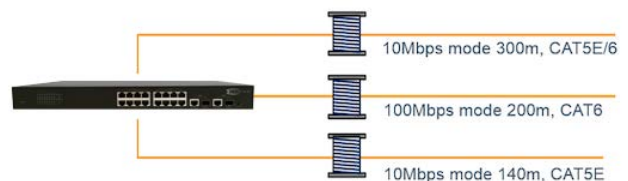


Advanced Mechanical Design

- Wide temperature range (32°F ~ 104°F)
- 250 Watt total power budget
- Link/PoE Status LEDs
- 16 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-POE16EX |
| Ports | 16 × 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: 250W |
| Consumption | ≤ 300W |
| 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") |