This switch is a next generation smart managed switch with 20Gbps switching capacity. It provides (8) 10/100/1000Base-T copper ports with IEEE 802.3at PoE+ capability and (2) additional 100/1000 dual speed SFP slots. The embedded Device Management System (DMS) software provides the benefits of ease of use in IP surveillance, Wireless Access Point and other applications. The DMS capability built into the switch provides time-saving features enabling security integrators or network administrators to establish and document a baseline deployment, automatically discover and remotely configure attached IP-powered devices (PDs).

### Features

- IPv6 Access Management
- Support Jumbo Frame up to 9K bytes
- Authentication – RADIUS, TACACS+
- DHCP Relay, DHCP Snooping, DHCP Server
- L2/L3/L4 ACLs Support MAC ACL, IP standard/extended ACL
- LLDP (Link Layer Discovery Protocol)
- IEEE 802.3az Energy Efficiency
- IP Source Guard, Port Security
- Syslog
- Fanless Design

### PoE Features

- Compliant with IEEE 802.3at PoE+
- Compliant with IEEE 802.3af PoE
- PoE configuration
- Auto Power Reset (APR)
- Always on PoE

### Device Management System (DMS)

- Graphical Monitoring – Topology view, Floor view, Map view
- Traffic Monitoring
- Troubleshooting – Network diagnostic, protection mechanism, performance and link management

### Specifications

- **Standards**
  - IEEE 802.3
  - IEEE 802.3u
  - IEEE 802.3z
  - IEEE 802.3x
  - IEEE 802.3ad
  - IEEE 802.1D
  - IEEE 802.1w
  - IEEE 802.1s
  - IEEE 802.1Q
  - IEEE 802.1p
  - IEEE 802.1ad
  - IEEE 802.1AB
  - IEEE 802.3af
  - IEEE 802.3at

- **Connectors**
  - (8) 10/100/1000 RJ-45 ports
  - (2) 100/1000 SFP slots

- **Protocol**
  - CSMA/CD

- **Technology**
  - Store-and-Forward switching architecture

- **MAC Address**
  - 6K MAC address table

- **Dimensions**
  - Width: 8.66" [220 mm]
  - Depth: 9.55" [242 mm]
  - Height: 1.73" [44 mm]

- **Power Input**
  - 100-240VAC

- **Power Consumption**
  - 147 Watts (full load with PoE)

- **Power-over-Ethernet**
  - Max PoE budget: 130 Watts
  - 30 Watts for (4) ports simultaneously
  - 15.4 Watts for (8) ports simultaneously

- **Surge Protection**
  - 6KV

- **Environment**
  - Operating: 0°C to +50°C
  - Humidity: 10% to 90% (non-condensing)

- **Weight**
  - 4.4 lbs. [2.0 kg]

- **Certifications**
  - FCC Class A, CE
  - Safety: IEC60950, UL Listed

- **Warranty**
  - Lifetime