

## DS-3E1309P-EI

### Smart Managed 8-Port 100 Mbps PoE Switch

Smart managed switches are developed by Hikvision, featuring in easy management and maintenance. You can easily deploy, monitor and expand your surveillance system anytime and anywhere with our software platforms. You can view the network topology, monitor the health of the network and receive device alarms in real time, which greatly reduces the cost of network operation and maintenance.



Visualized Topology Management



Network Health Monitor



Real-Time Alarm Push



Video Control and Preview

### Key Feature

- 8 × 100 Mbps PoE RJ45 ports, 1 × gigabit network RJ45 port.
- IEEE 802.3at/af standard for PoE ports.
- Network topology management, alarm push, network health monitor.
- 6 KV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- AF/AT camera can reach up to 300 m in extend mode.

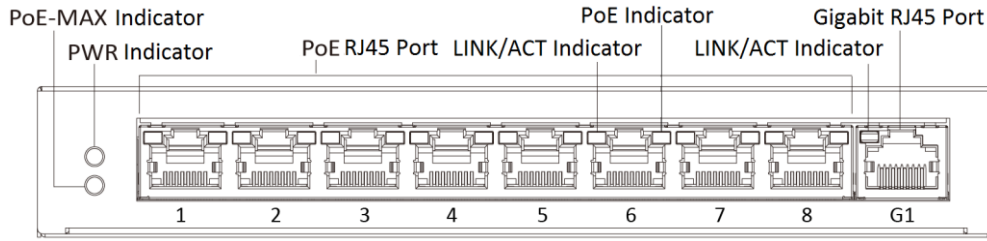


## Specification

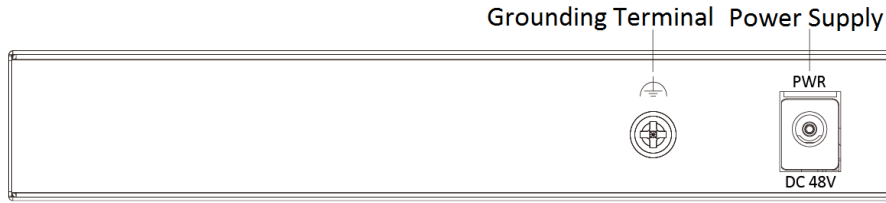
|                    |                                      |   |
|--------------------|--------------------------------------|---|
| Model              |                                      | DS-3E1309P-EI   |
| Network parameters | Port number                          | 8 × 100 Mbps PoE RJ45 ports, and 1 × gigabit network RJ45 port.   |
|                    | Port type                            | RJ45 port, full duplex, MDI/MDI-X adaptive  |
|                    | Standard                             | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, and IEEE 802.3ab  |
|                    | Forwarding mode                      | Store-and-forward switching   |
|                    | Working mode                         | Standard mode (default), Extend mode  |
|                    | Ports for long-distance transmission | Ports 1 to 8  |
|                    | MAC address table                    | 16 K  |
|                    | Switching capacity                   | 3.6 Gbps  |
|                    | Packet forwarding rate               | 2.6784 Mpps   |
|                    | Internal cache                       | 4 Mbits   |
| PoE power supply   | PoE standard                         | Ports 1 to 8: IEEE 802.3af, IEEE 802.3at  |
|                    | PoE power pin                        | Ports 1 to 8: Ethernet cables 1/2/3/6 and 4/5/7/8 provide power supply simultaneously.  |
|                    | PoE port                             | Ports 1 to 8  |
|                    | Max. port power                      | 30 W  |
|                    | PoE power budget                     | 110 W   |
| Software function  | Device maintenance                   | Support remote upgrade, recovering default parameters, viewing logs, configuring basic network parameters.  |
|                    | Typology display                     | Support typology display.   |
|                    | Port configuration                   | Support rate, flow control, and switch configuration  |
|                    | PoE function                         | IEEE 802.3at/af device provides power supply.   |
|                    | VIP ports function                   | Support data of ports in red area forwarded in priority.  |
|                    | Device status alarm                  | Support the device status, PoE_MAX and PoE status alarm.  |
|                    | Network management                   | Support client management.  |
|                    | Port statistics                      | Support port transmitting/receiving real-time rate statistics, 7-day transmitting/receiving peak rate statistics.   |
| General            | Shell                                | Metal material, fan-free design   |
|                    | Net Weight                           | 0.35 kg (0.77 lb)   |
|                    | Dimension (L × H × D)                | 170 mm × 27.6 mm × 93.1 mm (4.76" × 3.47" × 1.09")  |
|                    | Operating temperature                | 0°C to 40°C (32°F to 104°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                         | 48 VDC, 2.5 A   |
|                    | Max. power consumption               | 120 W   |
|                    | Power source                         | 120 W   |
| Approval           | EMC                                  | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010 +A1: 2015); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016) |
|                    | Safety                               | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013)  |
|                    | Chemistry                            | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)   |

# Physical Interface

Front panel:



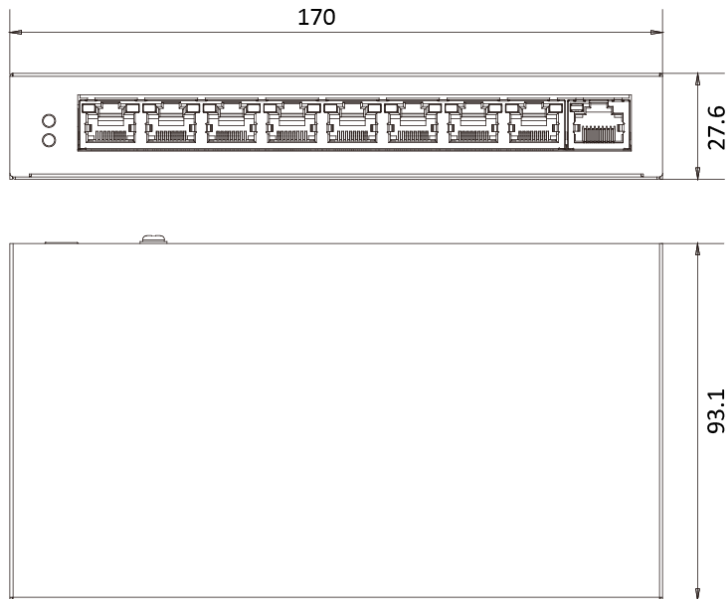
Rear panel:



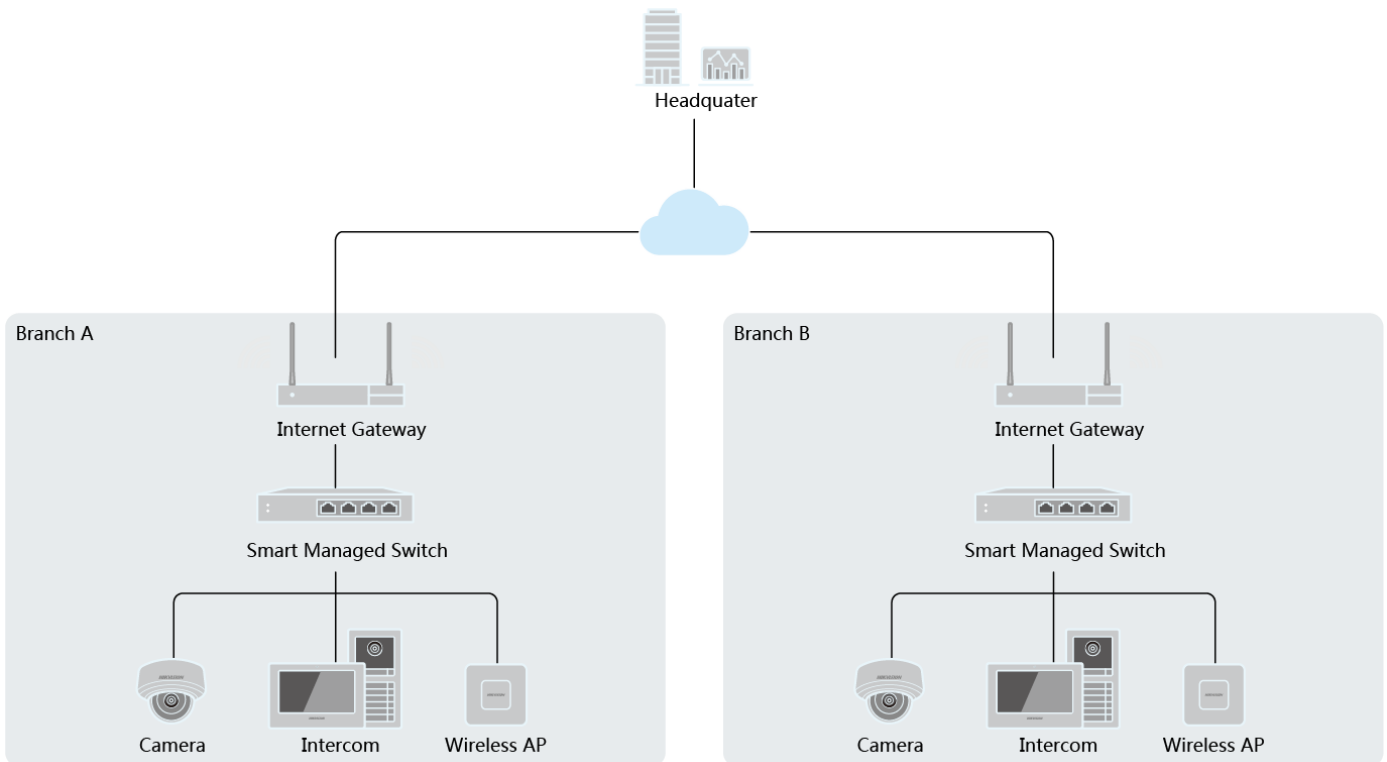
# Available Model

DS-3E1309P-EI

# Dimension (unit: mm)



## Typical Application



Distributed by



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