

**DS-3E1518P-E****Gigabit Web-Managed PoE Switch**

DS-3E1518P-E switches are layer 2 PoE switches, providing advanced PoE power supply technology and Gigabit networks design on the basis of high-performance access. The switches support Web management, various layer 2 management protocols such as STP/RSTP, VLAN, link aggregation, SNMP, QoS and so on to ensure the data is uploaded steadily.

**Key Feature**

- 16 × gigabit PoE ports, and 2 × gigabit fiber optical ports.
- IEEE 802.3at/af standard for PoE ports.
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z standard.
- 6 KV surge protection for PoE ports.
- PoE output power management.
- AF/AT camera can reach up to 300 m in extend mode.
- PoE watchdog to auto detect and restart the cameras that do not respond.
- Gigabit network access design.
- Wire-speed forwarding.
- Store-and-forward switching.
- Various layer 2 management protocols such as STP/RSTP, VLAN, link aggregation, SNMP, QoS and so on.
- Port management.
- Web management.
- Solid high-strength metal shell.

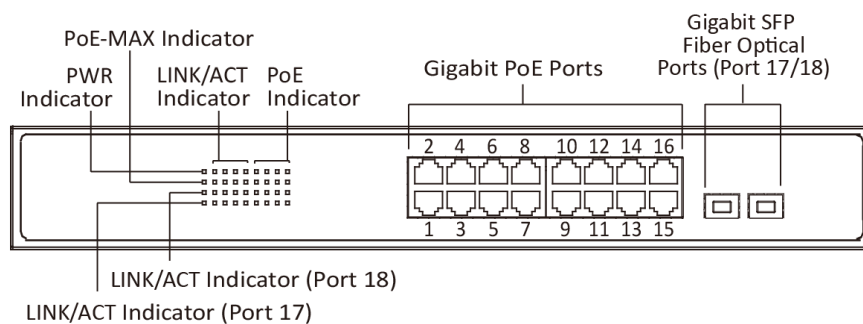


## Specification

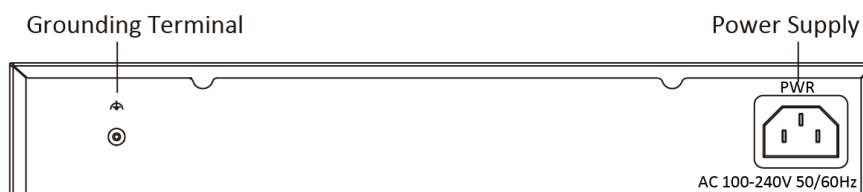
| Model              |                           | DS-3E1518P-E                                                                                                                                           |
|--------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network parameters | Port number               | 16 × gigabit PoE ports, and 2 × gigabit fiber optical ports                                                                                            |
|                    | Port type                 | RJ45 port, full duplex, MDI/MDI-X adaptive                                                                                                             |
|                    | Standard                  | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z                                                                                    |
|                    | Forwarding mode           | Store-and-forward switching                                                                                                                            |
|                    | Working mode              | Standard mode (default); Extend mode                                                                                                                   |
|                    | MAC address table         | 8 K                                                                                                                                                    |
|                    | Switching capacity        | 36 Gbps                                                                                                                                                |
|                    | Packet forwarding rate    | 26.784 Mpps                                                                                                                                            |
|                    | Internal cache            | 4.1 Mbits                                                                                                                                              |
| PoE power supply   | PoE standard              | IEEE 802.3af, IEEE 802.3at                                                                                                                             |
|                    | PoE power pin             | Ethernet cables 1/2/3/6 provide power supply.                                                                                                          |
|                    | PoE port                  | Ports 1 to 16                                                                                                                                          |
|                    | Max. port power           | 30 W                                                                                                                                                   |
|                    | PoE power budget          | 225 W                                                                                                                                                  |
| General            | Shell                     | Metal material                                                                                                                                         |
|                    | Net weight                | 2.735 kg (6.03 lb)                                                                                                                                     |
|                    | Gross weight              | 3.31 kg (7.30 lb)                                                                                                                                      |
|                    | Dimension (L × H × D)     | 440 mm × 220.8 mm × 44 mm (17.32" × 8.69" × 1.73")                                                                                                     |
|                    | 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)                                                                                                                            |
|                    | Relative humidity         | 5% to 95% (no condensation)                                                                                                                            |
|                    | Power supply              | 100 to 240 VAC, 50/60 Hz, Max. 4 A                                                                                                                     |
|                    | Power source              | 250 W                                                                                                                                                  |
|                    | Max. power consumption    | 250 W                                                                                                                                                  |
|                    | Power consumption in idle | 25 W                                                                                                                                                   |
| Software Function  | Device maintenance        | Support remote upgrade, recovering default parameters, viewing logs, configuring basic network parameters, import and export configuration, time sync. |
|                    | Port configuration        | Support the configuration of port rate and slow control, and ports enabling.                                                                           |
|                    | Long range                | Support up to 300 m transmission.                                                                                                                      |
|                    | PoE watchdog              | Ports 1 to 16: auto detect and restart the cameras that do not respond.                                                                                |
|                    | Port rate-limiting        | Support rate-limiting for ingress and egress ports.                                                                                                    |
|                    | Storm control             | Support the storm control of unknown unicast, multicast and broadcast.                                                                                 |
|                    | Port mirroring            | Support port mirroring function.                                                                                                                       |
|                    | QoS                       | Support WRR and SP scheduling and port priority.                                                                                                       |
|                    | VLAN                      | Support 128 VLANs.                                                                                                                                     |
|                    | STP                       | Support STP and RSTP.                                                                                                                                  |
|                    | SNMP                      | Support SNMPv1 and SNMPv2c, the node information for system and interfaces acquisition.                                                                |
|                    | PoE                       | Support IEEE 802.3at/af power supply.                                                                                                                  |

## Physical Interface

Front panel:



Back panel:



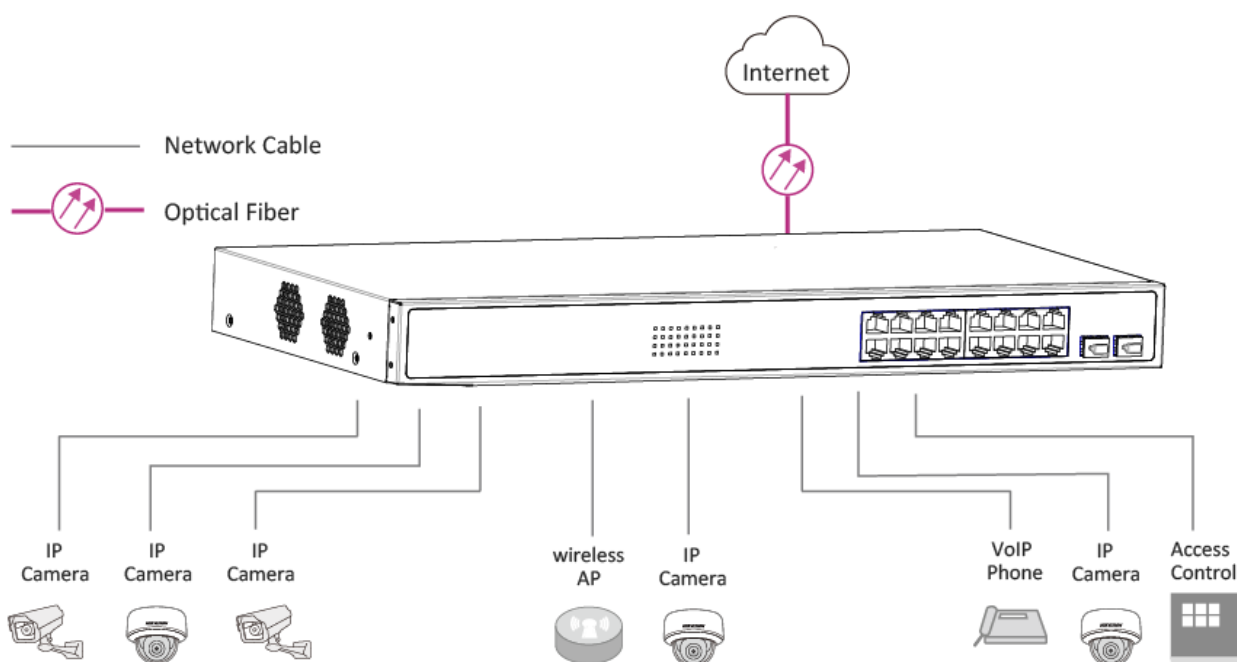
## Available Model

DS-3E1518P-E

**Dimension (unit: mm)**



## Typical Application



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