

DS-3E Series Unmanaged PoE Switch

Features and Functions



DS-3E0108P-E

- I Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, and IEEE 802.3at standard
- I 8 auto-negotiation RJ45 ports
- I Auto MDI/MDIX
- I Ports 1 - 4 of the switch support IEEE802.3at/af standard
- I 1.6 Gbps backplane bandwidth and 1.19 Mbps packet forwarding rate for non-blocking line-speed forwarding
- I Up to 30W PoE power for each PoE port
- I Automatically adjust the power supply powered devices
- I Durable case and silent, fan-less design, longer service life

DS-3E0109P-E/M

- I 9*10/100 Base-TX Ethernet ports
- I Supports standard and EXTEND network mode
- I Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab Ethernet standards
- I Store-and-Forward switching
- I 4K MAC address table and MAC address learning
- I 1.8 Gbps backplane bandwidth
- I All-metal construction
- I Desktop and wall-mounted installation

DS-3E0318P-E/M & DS-3E0326P-E/M

- I Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE 802.3z, IEEE 802.1Q, and IEEE802.3x Ethernet standards
- I 16/24*10/100 Base-TX Ethernet ports, one 10/100/1000 Base-T Ethernet port and one 10/100/1000 Base-X SFP optical module port
- I Ports 1 - 16/24 are 10/100 Mbps downlink ports and comply with IEEE 802.3af and IEEE 802.3at.
- I The maximum of 30W port output PoE power and the maximum of 135W/225W total output PoE power
- I Support four network modes: Priority, Standard, Isolate and Extend
- I 4K MAC address and MAC address learning
- I 7.2 Gbps/8.8 Gbps backplane bandwidth
- I Store-and-Forward switching
- I All-metal construction
- I 13 inch length and 1 U standard height size allow it to be mounted on subrack.

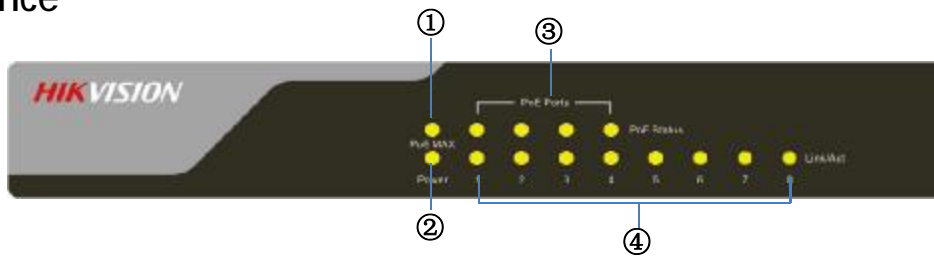


Specifications

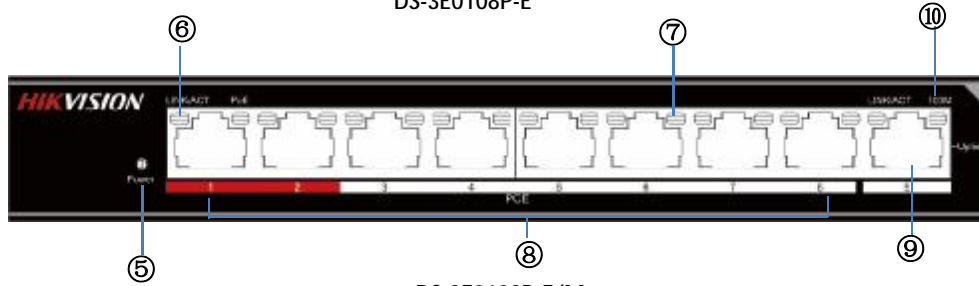
| Model | | DS-3E0108P-E | DS-3E0109P-E/M | DS-3E0318P-E/M | DS-3E0326P-E/M |
|---------------------|-------------------------|---|-----------------------------|---|----------------|
| Port | 10/100 Mbps RJ45 | 8 | 9 | 16 | 24 |
| | 10/100/1000 Mbps RJ45 | / | / | 1 | |
| | 1000 Mbps SFP | / | / | 1 independent | |
| | High-priority Port | / | Port 1 - 2 | Port 1 - 8 | |
| | Lightning-proof Ranking | / | 4 kV | | |
| | Working Mode | / | EXTEND OFF, EXTEND ON | Priority, Standard, Isolate, Extend | |
| Performance | Store-and-forward | Supported | | | |
| | MAC Address Table | 1 k | 4 k | | |
| | MAC Learning | Auto-learning/ Auto-aging | | | |
| | Switching Capacity | 1.6 Gbps | 1.8 Gbps | 7.2 Gbps | 8.8 Gbps |
| PoE Power | PoE standard | IEEE 802.3af, IEEE802.3at | | | |
| | PoE Powering Mode | Two pair of wires: pins 1 and 2, and pins 3 and 6 | Supports 8-pin power supply | | |
| | PoE Port | 1 - 4 | 1 - 8 | 1 - 16 | 1 - 24 |
| | Maximum Output Port | 30 W | | | |
| | Maximum Output Total | 58 W | | 135 W | 225 W |
| Power Input | | 51 V DC, 1.25 A | | 100~240 V AC, 50/60 Hz | |
| Environment | Operating Environment | Operating Temperature: 0 °C ~ 40 °C Operating Humidity: 10% - 90% RH non-condensing | | | |
| | Storage Environment | Storage Temperature: -40 °C ~ 70 °C Storage Humidity: 5% - 90% RH non-condensing | | | |
| Transmission Speed | | Ethernet: 10 Mbps (Half Duplex) / 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (Half Duplex) / 200 Mbps (Full Duplex) | | Ethernet: 10 Mbps (Half Duplex) / 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (Half Duplex) / 200 Mbps (Full Duplex) Gigabit Ethernet: 2000 Mbps (Full Duplex) | |
| Transmission Medium | | Ethernet: Cat 3 or better UTP/STP Fast Ethernet: Cat 5 or better UTP/STP | | Ethernet: Cat 3 or better UTP/STP Fast Ethernet: Cat 5 or better UTP/STP Gigabit Ethernet: Cat 5 or better UTP/STP 1000 Base-SX: MMF (Multimode optical fiber) 1000 Base-LX: MMF (Multimode optical fiber) or SMF (Single Mode Fiber) | |
| Network Standard | | IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE802.3at, IEEE 802.3x | | IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x, IEEE 802.3z | |

Appearance

Front Panel

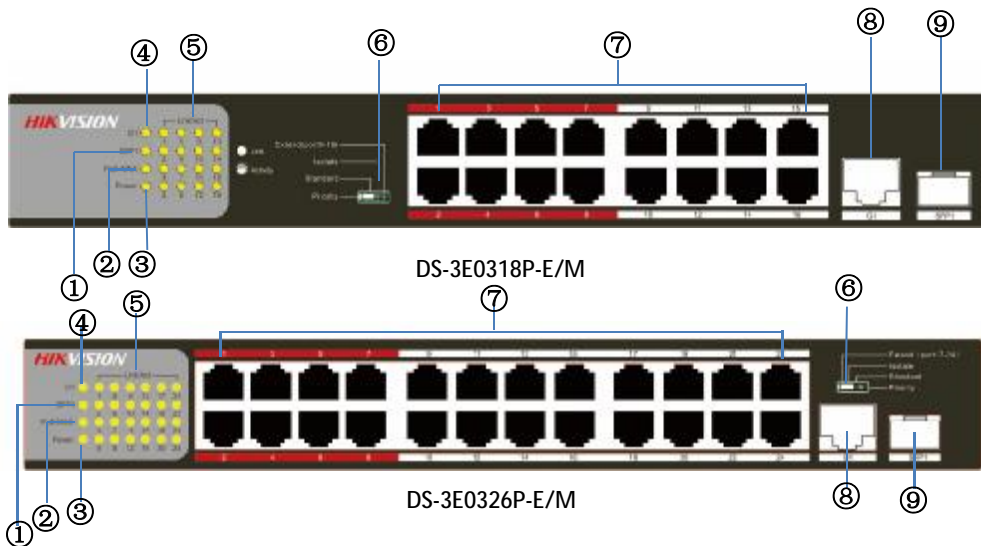


DS-3E0108P-E



DS-3E0109P-E/M

| Index | Description | Index | Description |
|-------|------------------|-------|---------------------|
| 1 | PoE MAX LED | 2 | Power LED |
| 3 | PoE Status LED | 4 | Link/Act LED |
| 5 | Power LED | 6 | Link/Act LED |
| 7 | PoE LED | 8 | Downlink RJ45 Ports |
| 9 | Uplink RJ45 Port | 10 | 100 M LED |

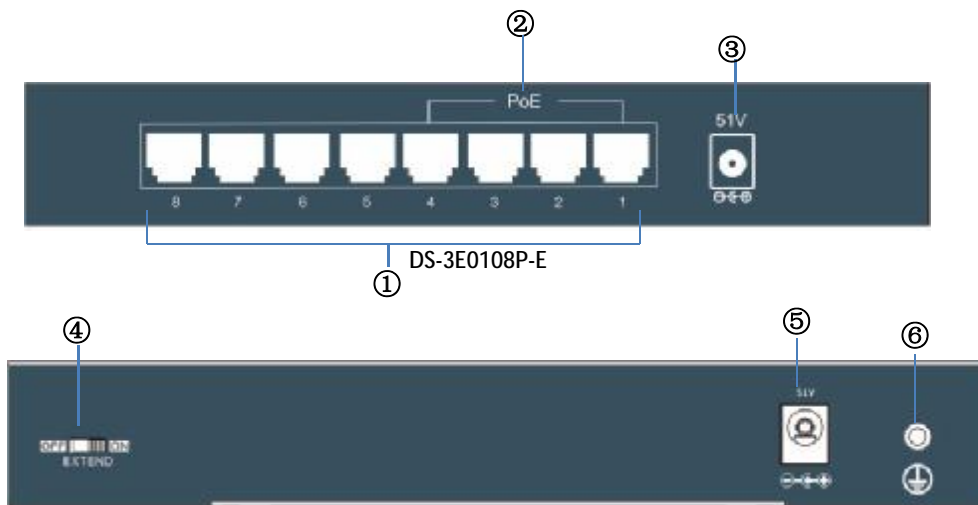


DS-3E0318P-E/M

DS-3E0326P-E/M

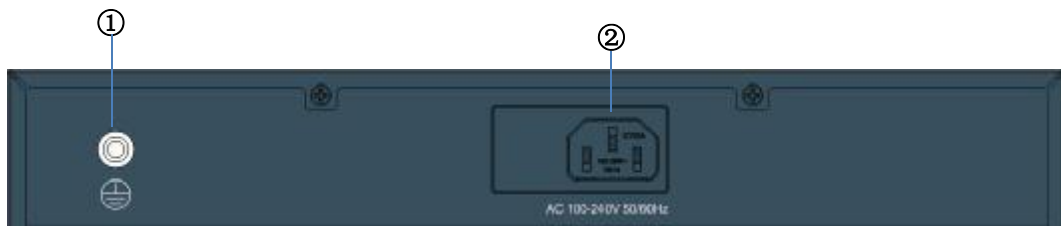
| Index | Description | Index | Description |
|-------|------------------------------|-------|----------------------------|
| 1 | SFP1 LED | 2 | PoE-MAX LED |
| 3 | Power LED | 4 | G1 LED |
| 5 | Link/Act LED | 6 | Network Mode Switch |
| 7 | 100 Mbps Downlink RJ45 Ports | 8 | 1000 Mbps Uplink RJ45 Port |
| 9 | 1000 Mbps Uplink SFP Port | | |

Rear Panel



DS-3E0109P-E/M

| Index | Description | Index | Description |
|-------|-------------|-------|--------------------|
| 1 | RJ45 Ports | 2 | PoE Ports |
| 3 | Power Jack | 4 | EXTEND Mode Switch |
| 5 | Power Jack | 6 | Grounding Terminal |



DS-3E0318P-E/M & DS-3E0326P-E/M

| Index | Description | Index | Description |
|-------|--------------------|-------|-------------|
| 1 | Grounding Terminal | 2 | Power Jack |

Distributed by



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