DS-3E1318P-E

Web-Managed PoE Switch

- **802.3af/at PoE Standard**
- **VLAN configurable,**
- **STP, multicast, port mirroring, QoS, and SNMP**
- **Extend mode: cable transmission distance up to 820 ft (250 m)**
- **Guaranteed video data transmission due to buffer optimization**

The DS-3E1318P-E is a 10/100 Mbps web-managed switch that is designed for IP surveillance applications. Easily configured via a Web interface, users can setup VLANs, port mirroring, SNMP, and more. Or, they can just as easily use default settings, while still taking advantage of unique hardware features, such as outdoor power surge protection, optimized VIP ports, and extended power mode for longer cable runs to IP cameras. Hikvision web-managed switches provide the right mix of features to help reduce the cost of installation and maintenance.

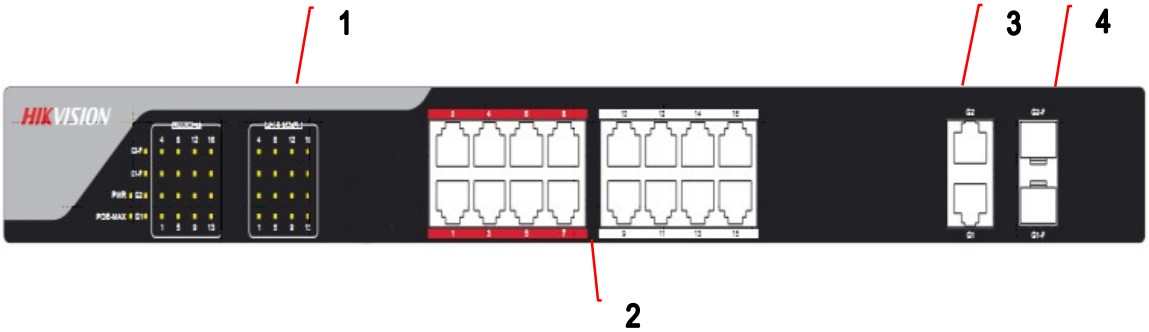
Available Model: DS-3E1318P-E (16 100M PoE electrical ports and 2 1000M COMBO ports)

Specifications

	DS-3E01318P-E
Ports	
10/100M RJ45	16
10/100/1000M RJ45	2
1000M SFP	2 (multiplex)
High Priority Ports	Port 1 of 8
Performance	
Store-and-Forward	Support
MAC Address Table	4K
MAC Address Learning	Automatic learning / aging
Backplane Bandwidth	7.2 Gbps
PoE	
PoE Standard	IEEE 802.3af, IEEE802.3at
PoE Cable Core	Supports 8-core power supply and simultaneous power supply via the 1236 and 4578 line order
PoE Port	Ports 1 to 16
Port Maximum Power	30 W
Switch Max. Power	230W
Lightning Protection Grade	
For Port	4 kV
For Power Supply	6 kV
Operating Environment	
Working Environment	Temperature: 32° F to 104° F (0° C to 40° C); Humidity: 10 % to 90 % (relative humidity, without condensation)
Storage Environment	Temperature: -40° F to 158° F (-40° C to 70° C); Humidity: 5 % to 90 % (relative humidity, without condensation)
General	
Power Supply	100 to 240 VAC, 170 W
Data Transfer Rate	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)
Network Media	Ethernet: UTP/STP of CAT3 or above; Fast Ethernet: UTP/STP of CAT5 or above; Gigabit Ethernet: Recommended UTP/STP with CAT5e or CAT6;1000 Base-SX: MMF (Multi-Mode Fiber);1000 Base-LX: MMF (Multi-Mode Fiber) or SMF (Single Mode Fiber)
Network Standard	IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE 802.3af, IEEE802.3at, IEEE 802.3x, IEEE802.3z
Port	When Extend mode is enabled, the maximum data transmission (for 10 Mbps full / half duplex communication only) and power supply distance can be extended to 820 ft (250 m) via a CAT5e twisted pair, or higher.
PoE	IEEE 802.3at/IEEE 802.3af; Enable / Disable PoE; PoE over-temperature protection; Display power supply status and output power of the PoE port; Dynamic power supply of the PoE port. Power supply priority (Port 1 > Port 2 > … > Port 16… > Port 24)
Security Feature	MAC address binding
VLAN	One-key enable VLAN; Port VLAN (Max. 18/26 groups can be configured); IEEE 802.1Q VLAN (maximum 31 groups can be configured)
Port Trunk	3 groups: Port 1, 2, 3, and 4; Port 5, 6, 7, and 8; Port G1 / G1-F and G2 / G2-F
STP (Spanning Tree)	IEEE 802.1d Spanning Tree Protocol; IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
Multicast	IGMP Snooping and IGMP v1 / v2
Mirroring	N: 1 port mirroring
QoS	FIFO (First-in First-out); SP (Strict Priority); WP (Weighted Priority)
MAC Address Management	MAC address aging and static MAC address configuration
Loading and Upgrade	HTTP upgrade; Import / export configuration file
Management and Maintenance	SNMP v1 / v2; WEB management
Dimensions	17.3" x 11.2" x 1.7" (440 mm x 284 mm x 43 mm)

Landmark

No.	Description
1	LEDs
2	PoE Port
3	Uplink Ports
4	SFP Ports



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