

DS-3E05xx-E Series Unmanaged Gigabit Switch



DS-3E0508-E



DS-3E0516-E



DS-3E0524-E

- 10/100/1000 Mbps Auto-Negotiation RJ-45 Ports
- Compliant with IEEE802.3, IEEE802.3u, and IEEE802.3ab Ethernet Standard
- IEEE802.3x Full-Duplex Flow Control and Backpressure Half-Duplex Flow Control
- Plug-and-Play without Configuration
- LED Status Indicators
- Loop Detection and Prevention
- Auto MDI/MDIX Ports (DS-3E0516-E and DS-3E0524-E)
- Up to 4 kV Lightning Immunity for each Port

The DS-3E05xx-E is a 10/100/1000 Mbps unmanaged switch that requires no configuration and contains up to 24 gigabit ports. It is ideal for managing simple installations that have a large volume of video traffic from high-megapixel IP cameras.

This series consists of basic standalone switches gigabit capability on all ports allows for multiple PoE field switches to be connected on one DS-3E05xx-E Series core switch, which saves space and reduces the need to install additional devices.

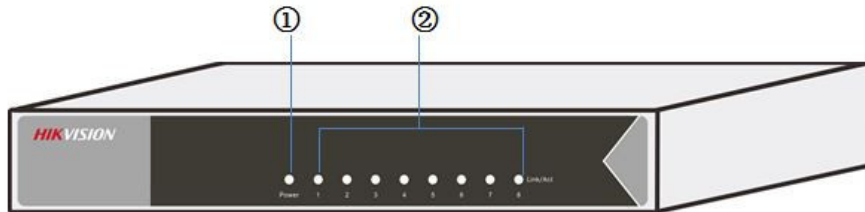
Available models:

DS-3E0508-E
DS-3E0516-E
DS-3E0524-E

Specifications

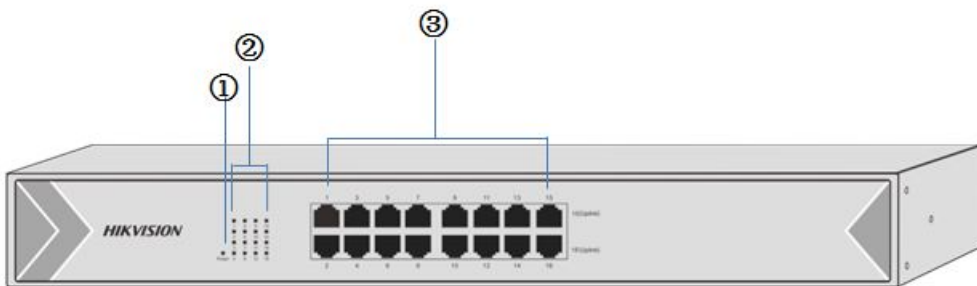
	DS-3E0508-E	DS-3E0516-E	DS-3E0524-E
General			
Ports	8 x 10/100/1000Mbps auto-negotiation RJ-45 ports	16 x 10/100/1000Mbps auto-negotiation RJ-45 ports	24 x 10/100/1000Mbps auto-negotiation RJ-45 ports
Network Standards	IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE 802.3x		
Transmission Speed	Ethernet: 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: CAT3 or better UTP/STP cable; Fast Ethernet: CAT5 or better UTP/STP cable; gigabit Ethernet: CAT5E or CAT6 UTP/STP cable (recommended)		
LED Indicator	1 x power LED; 8 x Link / Act LED	1 x power LED; 16 x Link / Act LED	1 x power LED; 24 x Link / Act LED
Dimensions (L x W x H)	7.32" x 4.20" x 1.31" (186 mm x 106.7 mm x 33.3 mm)	17.32" x 7.04" x 1.73" (440 mm x 178.8 mm x 44 mm)	
Mounting	Desk or Wall		1U height for desk or rack
Store-and-Forward	Supported		
MAC Address Table	4 k	8 k	
MAC Address Learning	Automatic learning/aging		
Package Filtering/Forwarding Rate	Ethernet: 14881 pps one port; Fast Ethernet: 148810 pps one port; gigabit Ethernet: 1488100 pps one port		
Backplane Bandwidth	16 Gbps	32 Gbps	48 Gbps
Power Supply	Input: 100 to 240 VAC, 50/60 Hz, 0.3 A Output: 9 VDC, 1 A	Input: 100 to 240 VAC, 50/60 Hz	
Power Consumption	≤5.5 W	≤12 W	≤18 W
Operating Temperature	32° to 104° F (0° to 40° C)		
Operating Humidity	10 to 90% RH, non-condensing		
Storage Temperature	-40° to 70° F (-40° to 158° C)		
Storage Humidity	5 to 90% RH, non-condensing		
Port Type			
Port Loopguard	Supported		
Uplink Port	Port 8	Port 15 and 16	Port 23 and 24
Lightning-Proof Ranking			
RJ45 Port	4 kV	4 kV	4 kV
Power Source	2 kV	4 kV	4 kV

Front Panel



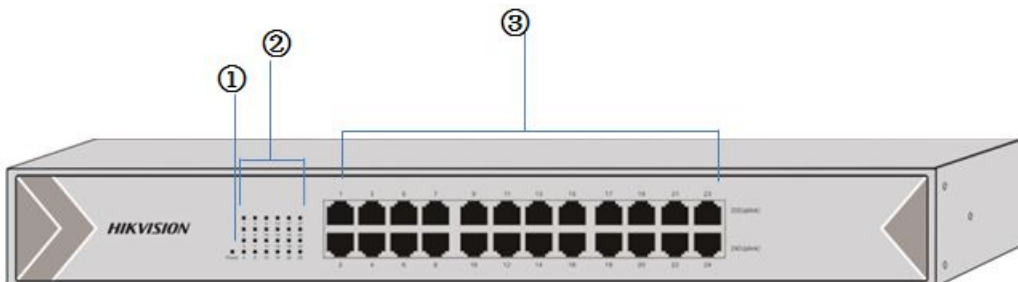
DS-3E0508-E

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|----|------------------------|
| 1. | Power LED Indicator |
| 2. | Link/Act LED Indicator |



DS-3E0516-E

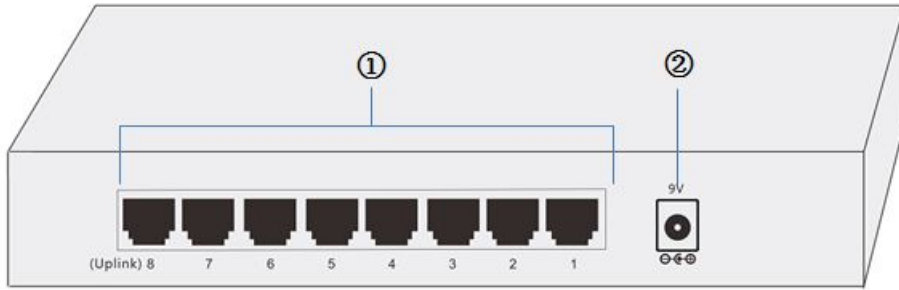
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|----|------------------------|
| 1. | Power LED Indicator |
| 2. | Link/Act LED Indicator |
| 3. | RJ-45 Port |



DS-3E0524-E

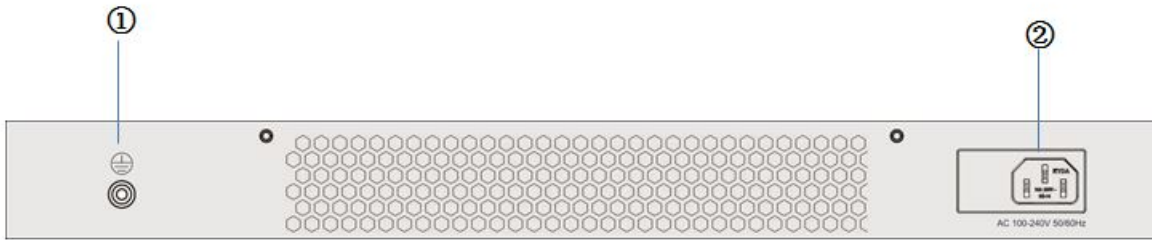
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|----|------------------------|
| 1. | Power LED Indicator |
| 2. | Link/Act LED Indicator |
| 3. | RJ-45 Port |

Rear Panel



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| 1. RJ45 Port |
| 2. Power Jack |

DS-3E0508-E



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|-----------------------|
| 1. Grounding Terminal |
| 2. Power Jack |

DS-3E0516-E and DS-3E0524-E