

DS-3E05-E Series Unmanaged Gigabit Switch

Features and Functions



DS-3E0508-E

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab Ethernet standard
- 8*10/100/1000Mbps auto-negotiation RJ45 Ports
- Plug and play without configuration
- Up to 16 Gbps back panel bandwidth and supports non-blocking wire-speed forwarding
- LEDs to easily monitor link speed, activity and find problems in time
- IEEE802.3x full duplex flow control and half duplex backpressure flow control
- Loop detection and loop prevention
- Up to 4 kV lightning-proof for each port
- Desk & wall-mounting installation.
- Full-metal & larger shell ensure effective cooling

DS-3E0516-E & DS-3E0524-E

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3X, IEEE802.3ab Ethernet standards
- 16/24*10/100/1000Mbps auto-negotiation RJ45 ports
- Auto MDI/MDIX
- 8K MAC address and MAC address learning
- IEEE 802.3x full duplex flow control, and Backpressure half duplex flow control
- 32 Gbps/48 Gbps backplane bandwidth for non-blocking line-speed forwarding
- LED indicators for indicating working status and troubleshooting
- Built-in power supply system with 4000V common mode and 4000V differentiate mode lightning immunity
- 1U standard height suitable for desktop and rack installation
- Ports all with 4000V common mode lightning immunity
- IP camera connection

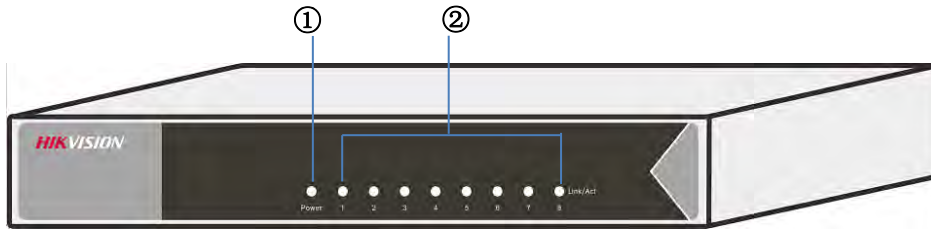


Specifications

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Product Model		DS-3E0508-E	DS-3E0516-E	DS-3E0524-E
Network Standard		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)		
Ports		8*10/100/1000Mbps auto-negotiation RJ45 ports	16*10/100/1000Mbps auto-negotiation RJ45 ports	24*10/100/1000Mbps auto-negotiation RJ45 ports
Port Type	Port loopguard	Supported		
	Uplink port	Port 8	Port 15 and Port 16	Port 23 and Port 24
Lightning-proof Ranking	RJ45 port	4 kV	4 kV	
	Power source	2 kV	4 kV	
LED Indicator		1 * power LED 8 * Link/Act LED	1 * power LED 16 * Link/Act LED	1 * power LED 24 * Link/Act LED
Dimensions (L*W*H)		186.7mm×106.7mm× 33.3mm	440mm×178.8mm×44mm	
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: 100-240 V AC, 50/60 Hz, 0.3 A Output: 9 V DC, 1 A	Input: 100-240 V AC, 50/60 Hz	
Power consumption		≤5.5w	≤12w	≤18w
Operating temperature		0°C - 40°C		
Operating humidity		(10-90) % RH, non-condensing		
Storage temperature		-40°C – 70°C		
Storage humidity		(5-90) % RH, non-condensing		

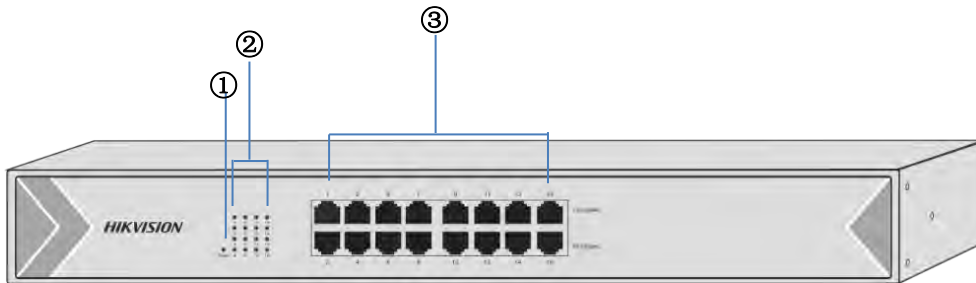
Appearance

Front Panel



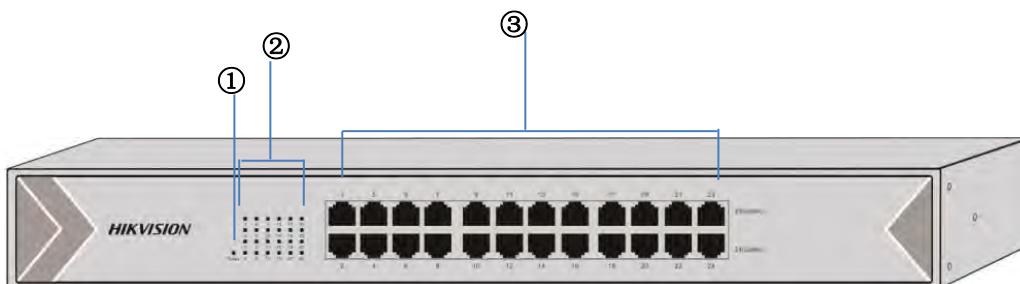
DS-3E0508-E

Index	Description	Index	Description
1	Power LED Indicator	2	Link/Act LED Indicator



DS-3E0516-E

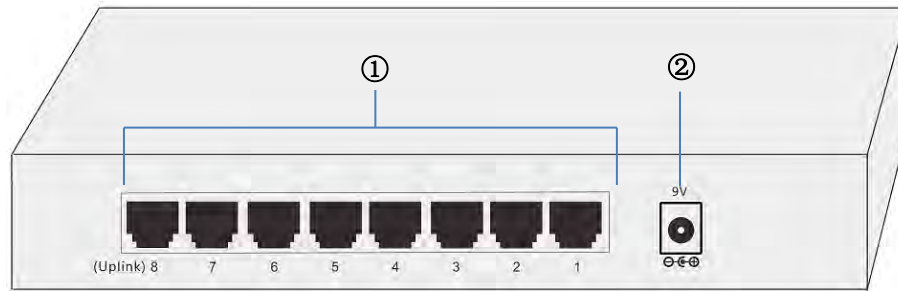
Index	Description	Index	Description
1	Power LED Indicator	3	RJ45 Port
2	Link/Act LED Indicator		



DS-3E0524-E

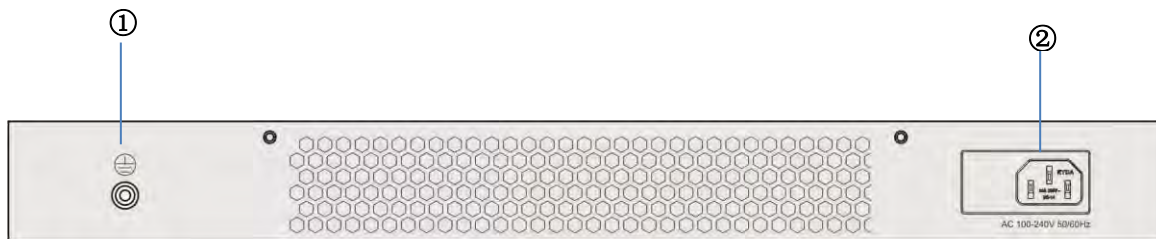
Index	Description	Index	Description
1	Power LED Indicator	3	RJ45 Port
2	Link/Act LED Indicator		

Rear Panel



DS-3E0508-E

Index	Description	Index	Description
1	RJ45 Port	2	Power Jack



DS-3E0516-E & DS-3E0524-E

Index	Description	Index	Description
1	Grounding Terminal	2	Power Jack

Distributed by



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