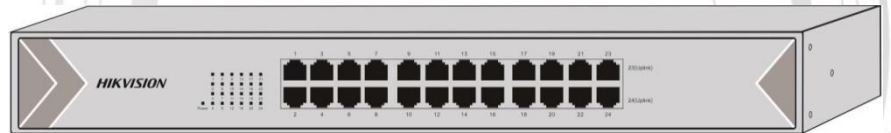## DS-3E05-E Series Unmanaged Gigabit Switch

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

Specifications			
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
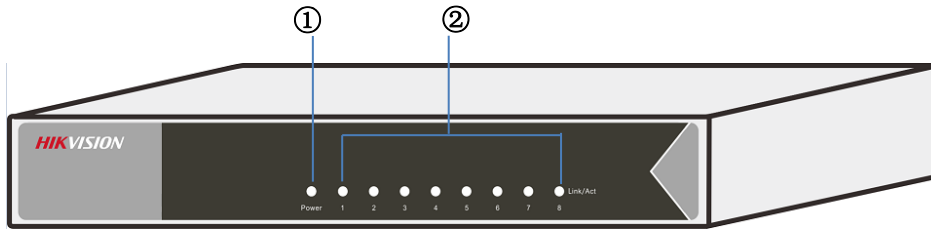
DS-3E0508-E

Index	Description	Index	Description
1	Power LED Indicator	2	Link/Act LED Indicator
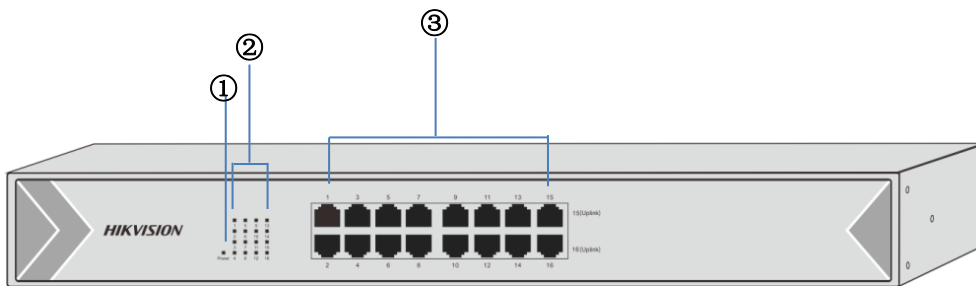
DS-3E0516-E

Index	Description	Index	Description
1	Power LED Indicator	3	RJ45 Port
2	Link/Act LED Indicator		
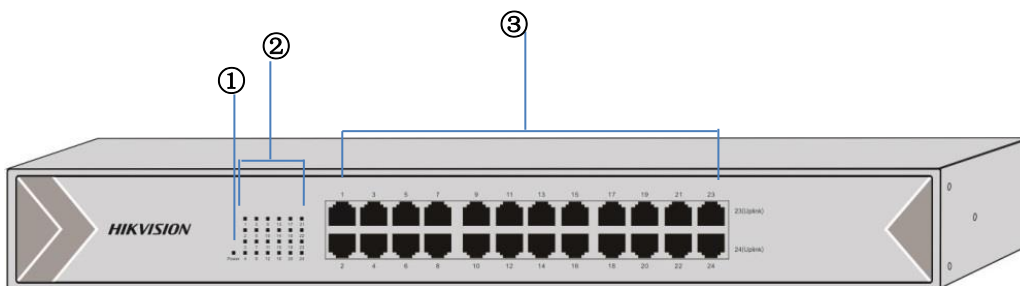
DS-3E0524-E

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

Rear Panel
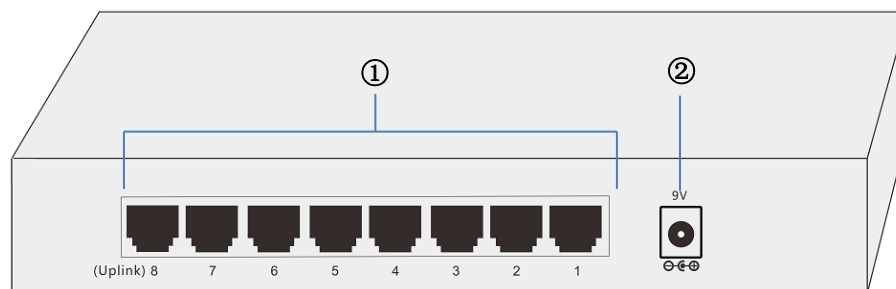
DS-3E0508-E

Index	Description	Index	Description
1	RJ45 Port	2	Power Jack
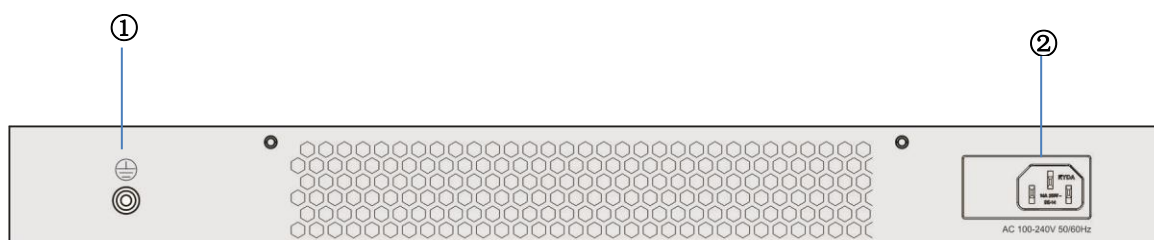
DS-3E0516-E & DS-3E0524-E

Index	Description	Index	Description
1	Grounding Terminal	2	Power Jack