DS-3E05xxP-E Series

UNMANAGED GIGABIT POE SWITCH

4 / 8 / 16 / 24 PoE Ports | IEEE 802.3af/at | 6 kV Surge Protection

TECHNICAL DATASHEET

English | Reference edition v1.0

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Branded reference copy - DS-3E05xxP-E Series





DS-3E0505P-E



DS-3E0518P-E



DS-3E0510P-E



DS-3E0526P-E

- Up to 24 Gigabit PoE Ports
- Compliant with IEEE802.3at/af, IEEE802.3, IEEE802.3u, and IEEE802.3x, IEEE802.3ab, and IEEE802.3z Ethernet Standards
- PoE Ports Offer 6 kV Surge Protection
- Gigabit Network Access
- PoE Output Power Management
- Wire-Speed Forwarding and Non-Blocking Design
- Solid and High-Strength Metal Shell

The DS-3E05xxP-E is an unmanaged Gigabit PoE 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 with gigabit capability on all ports, which allows for multiple PoE field switches to be connected on one DS-3E05xxP-E Series core switch, which saves space and reduces the need to install additional devices.

Available models:
DS-3E0505P-E
DS-3E0510P-E
DS-3E0518P-E
DS-3E0526P-E

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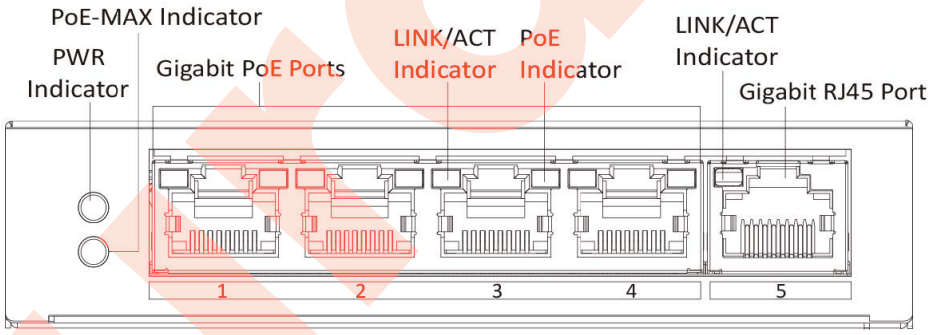
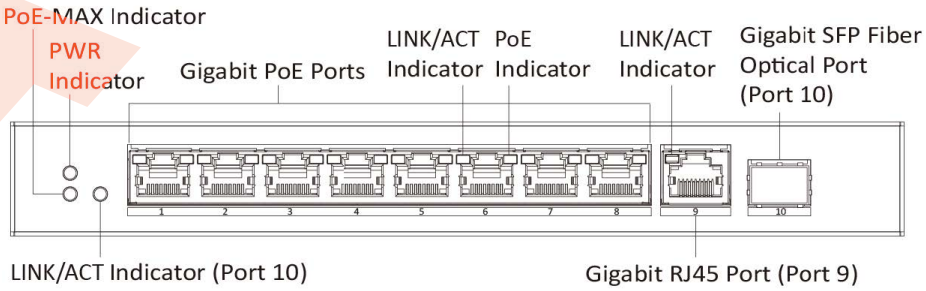
Specifications

	DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E
Network Parameters				
Port Number	4 x gigabit PoE ports, and 1 x gigabit RJ45 port	8 x gigabit PoE ports, 1 x gigabit RJ45 port, and 1 × gigabit SFP fiber optical port	16 x gigabit PoE ports, 1 x gigabit RJ45 port, and 1 x gigabit SFP fiber optical port	24 x gigabit PoE ports, 1 x gigabit RJ45 port, and 1 x gigabit SFP fiber optical port
Port Type	RJ45 port, full duplex, MDI/MDI-X adaptive			
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z			
Forwarding Mode	Store-and-forward switching			
Mac Address Table	2K	4K	8K	
Switching Capacity	10 Gbps	20 Gbps	36 Gbps	56 Gbps
Packet Forwarding Rate	7.44 Mbps	14.88 Mbps	26.784 Mpps	38.688 Mbps
Internal Cache	1 Mbits	1.5 Mbits	4.1 Mbits	
PoE Power Supply				
PoE Standard	IEEE 802.3af, IEEE 802.3at			
PoE Power Pin	Support 4-core power supply, and Ethernet cable 1/2/3/6 provide power supply			
PoE Port	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
Maximum Port Power	30 W			
PoE Power Budget	60 W	110 W	230 W	370 W
Maximum Power Consumption	65 W	120 W	250 W	400 W
General				
Shell	Metal material			
Weight	6.35 lbs (2.88 kg)			
Dimensions (L x H x D)	17.3" x 1.7" x 8.7" (440 mm x 44 mm x 220.8 mm)			
Operating Temperature	32° F to 104° F (0° C to 40° C)			
Storage Temperature	-40° F to 185° F (-40° C to 85° C)			
Operating Humidity	5% to 95% (no condensation)			
Storage Humidity	5% to 95% (no condensation)			
Power Supply	100 to 240 VAC, maximum 6.5 A			
Power Consumption	400 W			

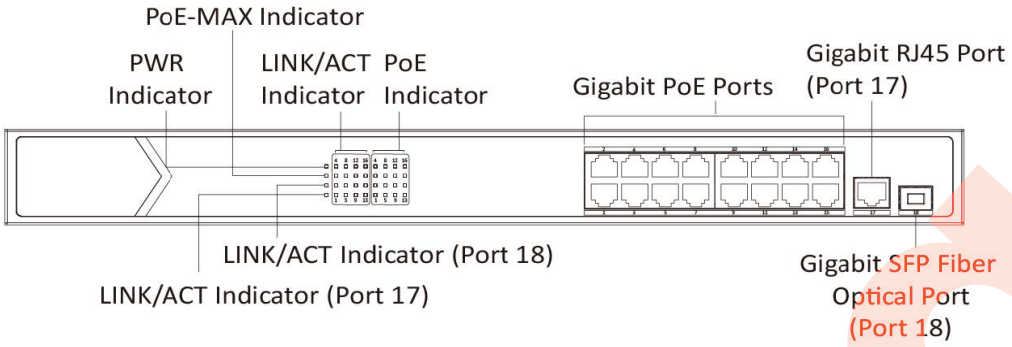
Front Panel



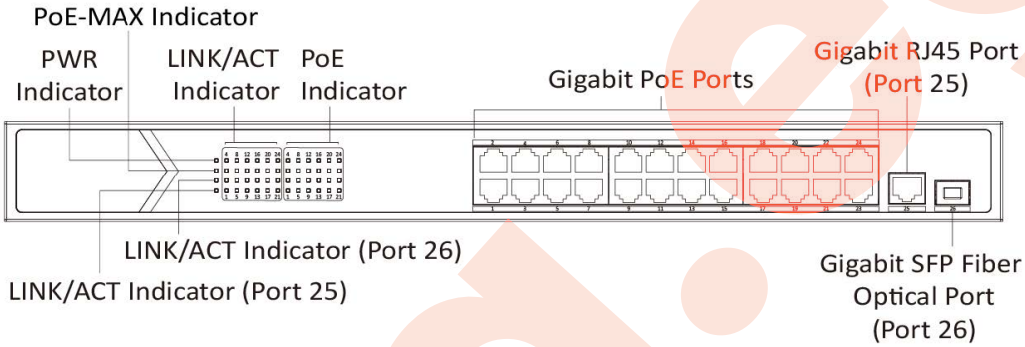
DS-3E0505P-E



DS-3E0510P-E

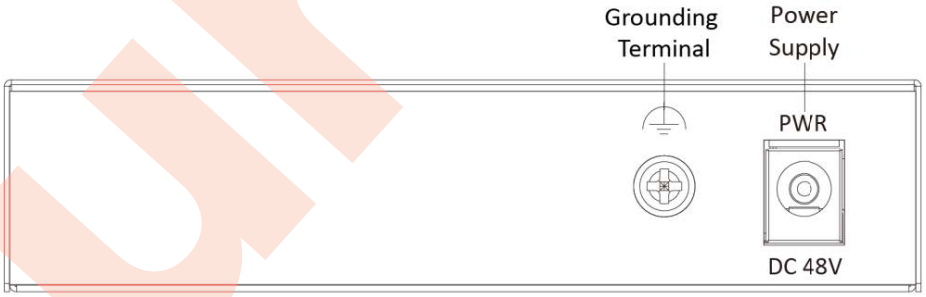


DS-3E0518P-E

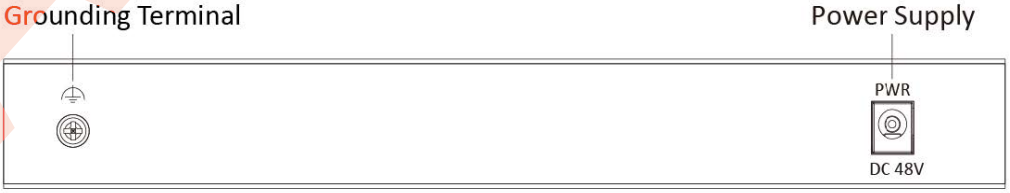


DS-3E0526P-E

Rear Panel



DS-3E0505P-E



DS-3E0510P-E

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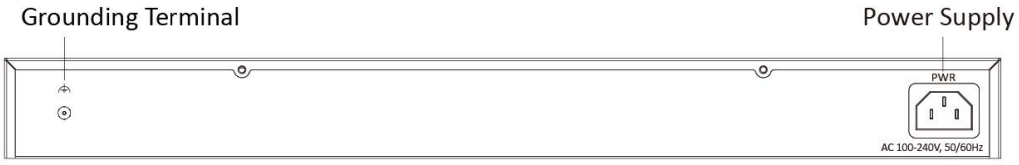

DS-3E0518P-E



DS-3E0526P-E

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