DS-3E0510P-E

8-PORT GIGABIT UNMANAGED POE SWITCH

8 PoE + 1 RJ45 + 1 SFP Gigabit | 110 W PoE Budget | 6 kV Surge Protection

TECHNICAL DATASHEET

English | Reference edition v1.0

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Branded reference copy - product model DS-3E0510P-E



Overview

The DS-3E0510P-E is an unmanaged Gigabit PoE switch that requires no configuration. It provides 8 Gigabit PoE ports, 1 Gigabit RJ45 port and 1 Gigabit SFP fiber optical port, and is ideal for managing simple installations that have a large volume of video traffic from high-megapixel IP cameras. Multiple PoE field switches can be connected to one DS-3E0510P-E core switch, which saves space and reduces the need to install additional devices.

Key Features

- 8 x Gigabit PoE ports, 1 x Gigabit RJ45 port and 1 x Gigabit SFP fiber optical port
- Compliant with IEEE 802.3at/af, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab and IEEE 802.3z
- PoE ports offer 6 kV surge protection
- 110 W PoE power budget, up to 30 W per PoE port
- PoE output power management
- Wire-speed forwarding and non-blocking design
- Solid and high-strength metal shell

Specification

Network Parameters	
Port Number	8 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	4K
Switching Capacity	20 Gbps
Packet Forwarding Rate	14.88 Mpps
Internal Cache	1.5 Mbits

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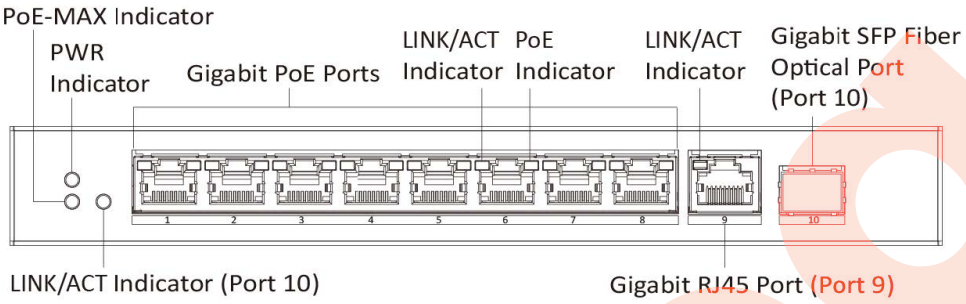
PoE Power Supply	
PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Power Pin	Supports 4-core power supply; Ethernet cable pins 1/2/3/6 provide power
PoE Port	Ports 1 to 8
Maximum Port Power	30 W
PoE Power Budget	110 W
Maximum Power Consumption	120 W
General	
Shell	Metal material
Power Input	DC 48V
Operating Temperature	0 ℃ to 40 ℃ (32 ℉ to 104 ℉)
Storage Temperature	-40 ℃ to 85 ℃ (-40 ℉ to 185 ℉)
Operating Humidity	5% to 95% (no condensation)
Storage Humidity	5% to 95% (no condensation)
Certification	CE, FCC, UL

Available Model

DS-3E0510P-E

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Front Panel



DS-3E0510P-E

Rear Panel



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