

## DS-3E05xxP-E Series

### Unmanaged Gigabit PoE Switch



DS-3E0505P-E



DS-3E0510P-E



DS-3E0518P-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.

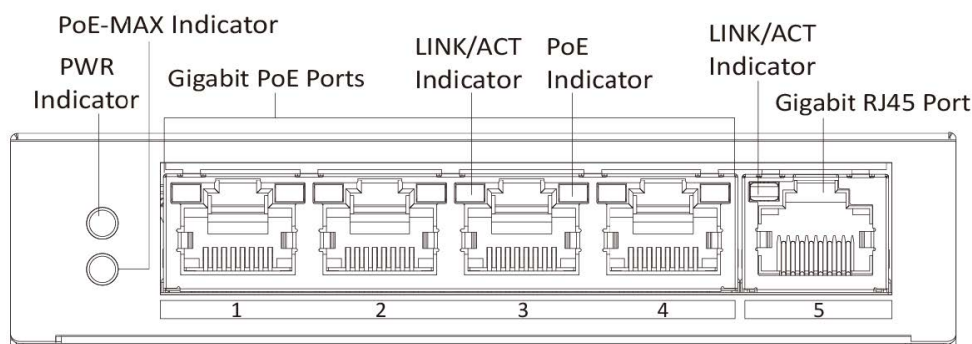
#### Available models:

DS-3E0505P-E  
DS-3E0510P-E  
DS-3E0518P-E  
DS-3E0526P-E

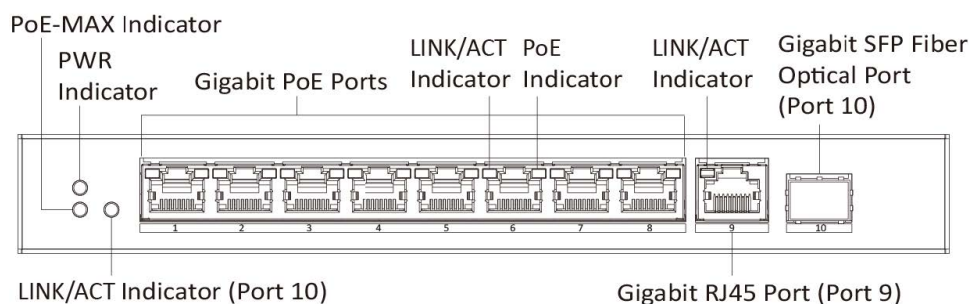
# Specifications

|                           | DS-3E0505P-E                                                                 | DS-3E0510P-E                                                                         | DS-3E0518P-E                                                                          | DS-3E0526P-E                                                                          |
|---------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Network Parameters</b> |                                                                              |                                                                                      |                                                                                       |                                                                                       |
| 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 x 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                                                                             |                                                                                       |
| <b>PoE Power Supply</b>   |                                                                              |                                                                                      |                                                                                       |                                                                                       |
| 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                                                                                 |
| <b>General</b>            |                                                                              |                                                                                      |                                                                                       |                                                                                       |
| 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                                                                        |                                                                                      |                                                                                       |                                                                                       |

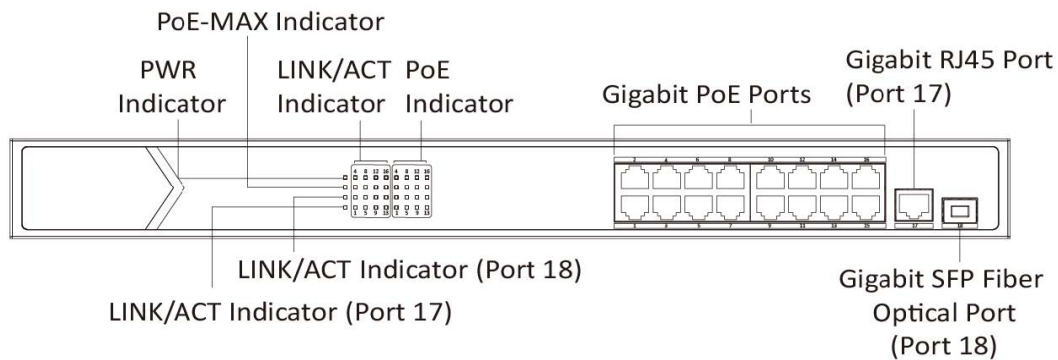
## Front Panel



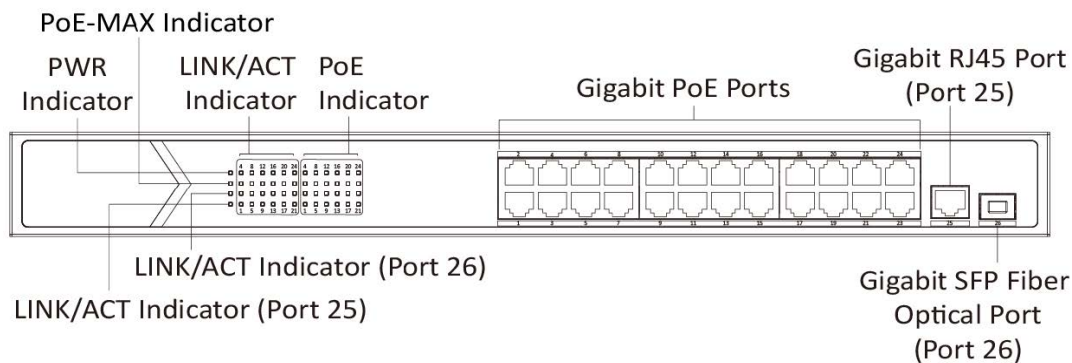
DS-3E0505P-E



DS-3E0510P-E



DS-3E0518P-E



DS-3E0526P-E

## Rear Panel



DS-3E0505P-E



DS-3E0510P-E

Grounding Terminal



DS-3E0518P-E

Grounding Terminal



DS-3E0526P-E