

## **DS-3E0310HP-E** **8 Port Fast Ethernet Unmanaged PoE Switch**



- Intelligent PoE Management
- Up to 300 m Long Range PoE Transmission
- IEEE 802.3bt Standard Hi-PoE, Max. 90 W for One Port
- 4/8-Core Adaptive Power Supply with Less Power Loss
- 6 kV Surge Protection to Improve Reliability in Harsh Environment

## ▪ Specification

| Model              |                           | DS-3E0310HP-E                                                                                                                                                                                                                          |
|--------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General            | Shell                     | Metal material, fan-free design                                                                                                                                                                                                        |
|                    | Net Weight                | 0.55 kg (1.21 lb)                                                                                                                                                                                                                      |
|                    | Gross Weight              | 1.22 kg (2.69 lb)                                                                                                                                                                                                                      |
|                    | Dimensions (W × H × D)    | 217.6 mm × 27.8 mm × 103.55 mm (8.6" × 1.1" × 4.1")                                                                                                                                                                                    |
|                    | Operating Temperature     | 0 °C to 40 °C (32 °F to 104 °F)                                                                                                                                                                                                        |
|                    | Storage Temperature       | -40 °C to 85 °C (-40 °F to 185 °F)                                                                                                                                                                                                     |
|                    | Operating Humidity        | 5% to 95% (no condensation)                                                                                                                                                                                                            |
|                    | Relative Humidity         | 5% to 95% (no condensation)                                                                                                                                                                                                            |
|                    | Power Supply              | 48 V DC, 2.5 A                                                                                                                                                                                                                         |
|                    | Max. Power Consumption    | 120 W                                                                                                                                                                                                                                  |
|                    | Power Consumption in Idle | 10 W                                                                                                                                                                                                                                   |
|                    | Installation Mode         | Wall-Mounted, Desk-Mounted                                                                                                                                                                                                             |
|                    | Surge Protection          | 6 kV                                                                                                                                                                                                                                   |
| Network Parameters | Ports                     | 8 × 10/100 Mbps PoE port, 2 × Gigabit RJ45 port                                                                                                                                                                                        |
|                    | MAC Address Table         | 8 K                                                                                                                                                                                                                                    |
|                    | Switching Capacity        | 5.60 Gbps                                                                                                                                                                                                                              |
|                    | Packet Forwarding Rate    | 4.17 Mpps                                                                                                                                                                                                                              |
|                    | Internal Cache            | 4 Mbits                                                                                                                                                                                                                                |
| PoE Power Supply   | PoE Standard              | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt                                                                                                                                                                                               |
|                    | PoE Power Pin             | 8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)                                                                                                                                                                                            |
|                    | Max. Port Power           | Port 1: 90 W<br>Ports 2 to 8: 30 W                                                                                                                                                                                                     |
|                    | PoE Port                  | Hi-PoE: Port 1<br>PoE: Ports 2 to 8                                                                                                                                                                                                    |
|                    | PoE Power Budget          | 110 W                                                                                                                                                                                                                                  |
| Dialing Function   | Long Range                | Ports 1 to 8: up to 300 m.<br>Long range performance may vary depend on camera model or cable condition.                                                                                                                               |
| Software Function  | VIP Port                  | Ports 1 to 8: data on VIP ports is preferentially forwarded when bandwidth resources are insufficient.                                                                                                                                 |
| Approval           | EMC                       | FCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015) |
|                    | Safety                    | UL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)                                                                                                                     |
|                    | Chemistry                 | CE-RoHS (2011/65/EU)                                                                                                                                                                                                                   |

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**▪ Available Model**

DS-3E0310HP-E

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