

DS-3E0503DP-E/R Gigabit PoE Repeater



DS-3E0503DP-E/R provides one gigabit PoE IN port and two gigabit PoE OUT ports, with up to 30 W output power for a single port and up to 30 W output power for the whole device. Capable of intelligently identifying powered devices, DS-3E0503DP-E/R is plug and play, and simple in use. It is an ideal choice for setting up cost-effective PoE networks in hotels, campuses, factory dormitories, as well as small- and medium-sized enterprises.

- 1 × Gigabit PoE IN port and 2 × Gigabit PoE OUT port
- Compliant with IEEE 802.3af/at standard
- Up to 30 W PoE output power for the whole device
- PoE extension for longer transmission and power supply distance
- Plug and play, requiring no configuration
- Desktop installation

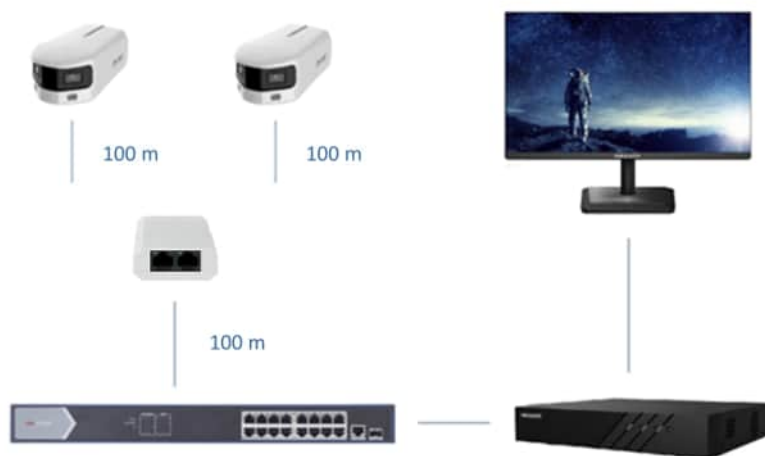
▪ Specification

| General | |
|---------------------------|---|
| Shell | Plastic material, fan-free design |
| Net Weight | 0.058 kg (0.128 lb) |
| Dimensions (W × H × D) | 88.0 mm × 22.0 mm × 58.0 mm (3.46" × 0.87" × 2.28") |
| 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) |
| Max. Power Consumption | 1.9 W |
| Power Consumption in Idle | ≤ 1.55 W |
| Installation Mode | Desk-Mounted |
| Surge Protection | 2 kV |
| Network Parameters | |
| Ports | 1 × Gigabit PoE IN port and 2 × Gigabit PoE OUT port |
| MAC Address Table | 2 K |
| Switching Capacity | 6 Gbps |
| Packet Forwarding Rate | 4.46 Mpps |
| Internal Cache | 1 Mbits |
| PoE Power Supply | |
| PoE Standard | IEEE 802.3af, IEEE 802.3at |
| PoE Port | PoE: Ports 1 to 3 |
| Max. Port Power | 30 W |
| PoE Power Budget | 30 W |
| Approval | |
| EMC | 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) |
| Safety | UL (UL 62368-1); CB (IEC 62368-1:2014); CE-LVD (EN 62368-1:2014+A11:2029) |
| Chemistry | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2018) |

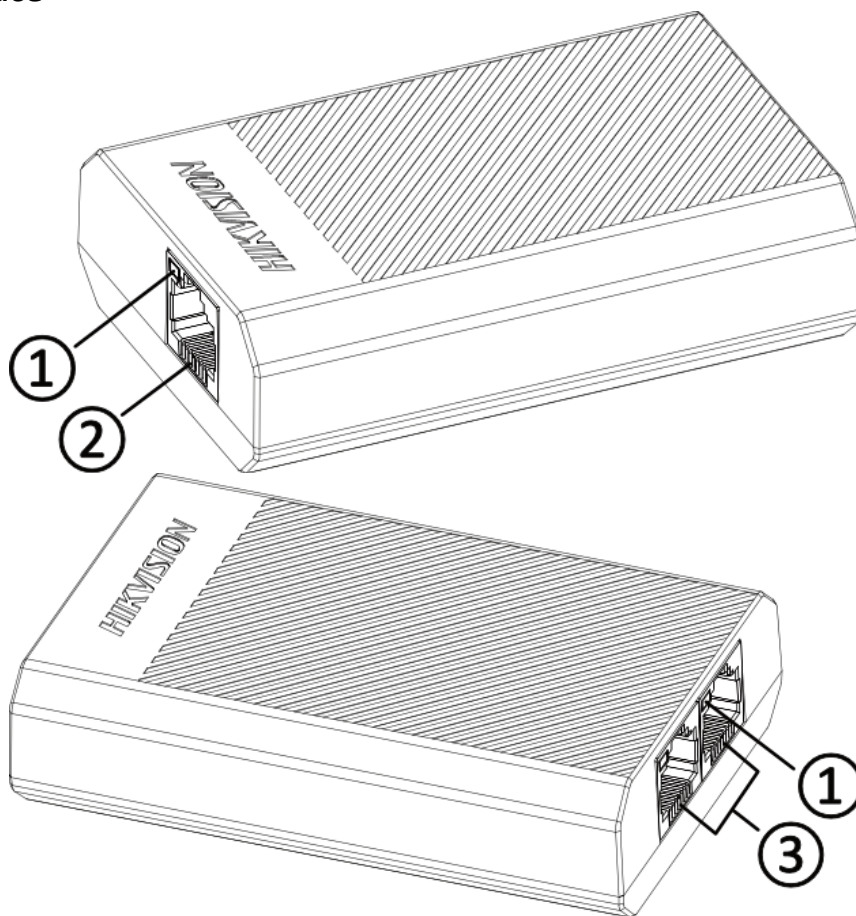
▪ Available Model

DS-3E0503DP-E/R

▪ Typical Application

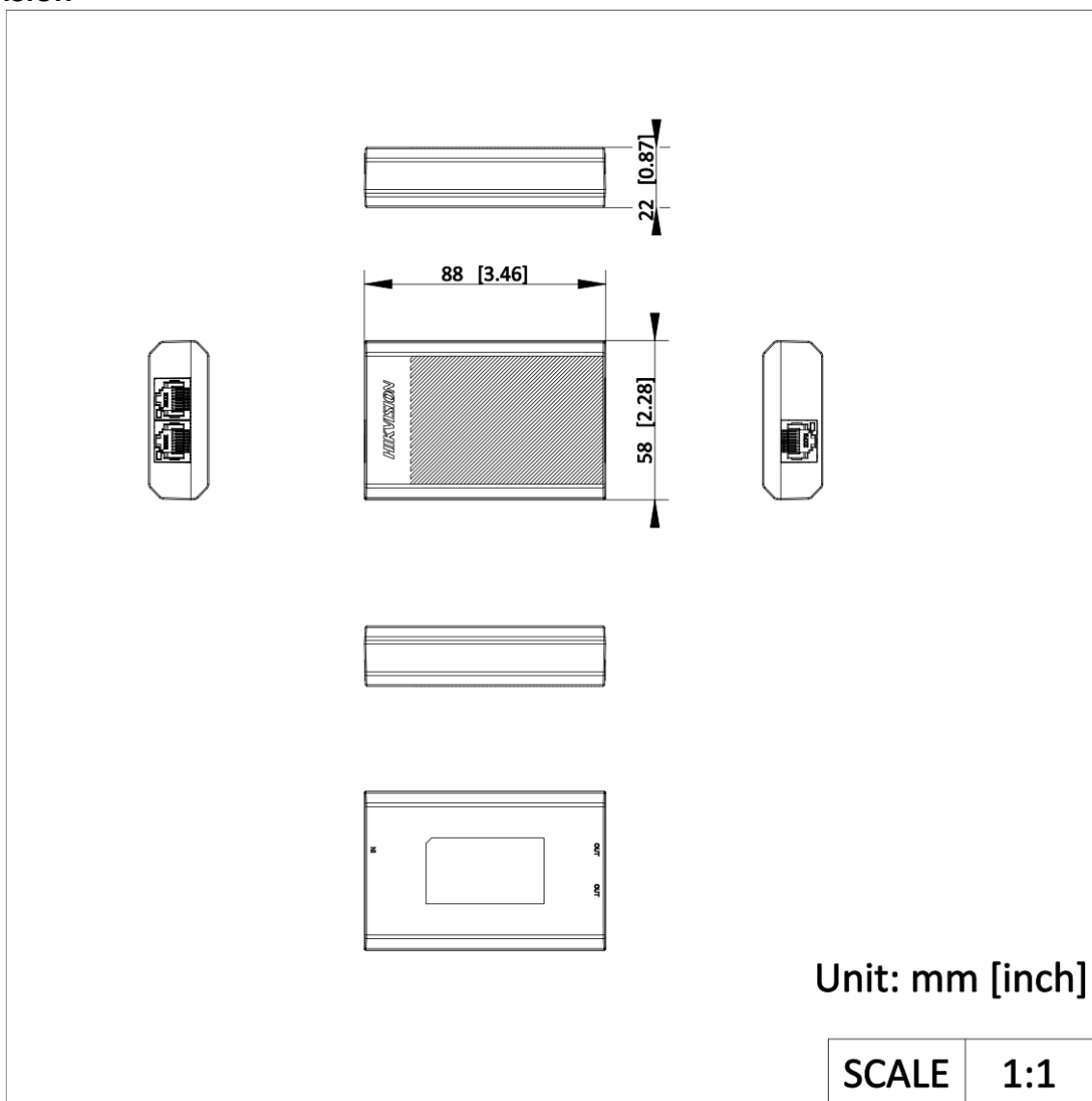


▪ Physical Interface



| No. | Indicator/Port | Description |
|-----|--------------------|--|
| ① | LINK/ACT Indicator | <ul style="list-style-type: none"> ● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal. |
| ② | PoE IN Port | Gigabit PoE IN port, used for connection to a PSE (such as a PoE switch) that meets the PoE repeater's power supply standards. |
| ③ | PoE OUT Port | Gigabit PoE OUT port, used for connection to an IPC, switch, or PoE repeater, extending the network transmission distance. |

▪ Dimension



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