

## **DS-3E0103DP-E/R** **100 Mbps PoE Repeater**



DS-3E0103DP-E/R provides one 10/100 Mbps PoE IN port and two 10/100 Mbps 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-3E0103DP-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 × 10/100 Mbps PoE IN port and 2 × 10/100 Mbps 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

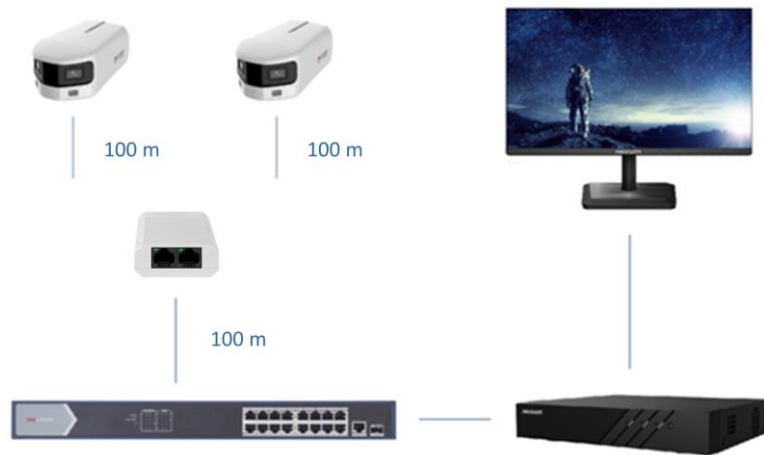
## ▪ Specification

| General                   |                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Shell                     | Plastic material, fan-free design                                                                                                           |
| Net Weight                | 0.046 kg (0.101 lb)                                                                                                                         |
| Dimensions (W × H × D)    | 79.0 mm × 22.0 mm × 53.0 mm (3.11" × 0.87" × 2.09")                                                                                         |
| 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    | 1.2 W                                                                                                                                       |
| Power Consumption in Idle | ≤ 0.92 W                                                                                                                                    |
| Installation Mode         | Desk-Mounted                                                                                                                                |
| Surge Protection          | 2 kV                                                                                                                                        |
| Network Parameters        |                                                                                                                                             |
| Ports                     | 1 × 10/100 Mbps PoE IN port and 2 × 10/100 Mbps PoE OUT port                                                                                |
| MAC Address Table         | 2 K                                                                                                                                         |
| Switching Capacity        | 0.6 Gbps                                                                                                                                    |
| Packet Forwarding Rate    | 0.45 Mpps                                                                                                                                   |
| Internal Cache            | 0.77 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)                                                               |

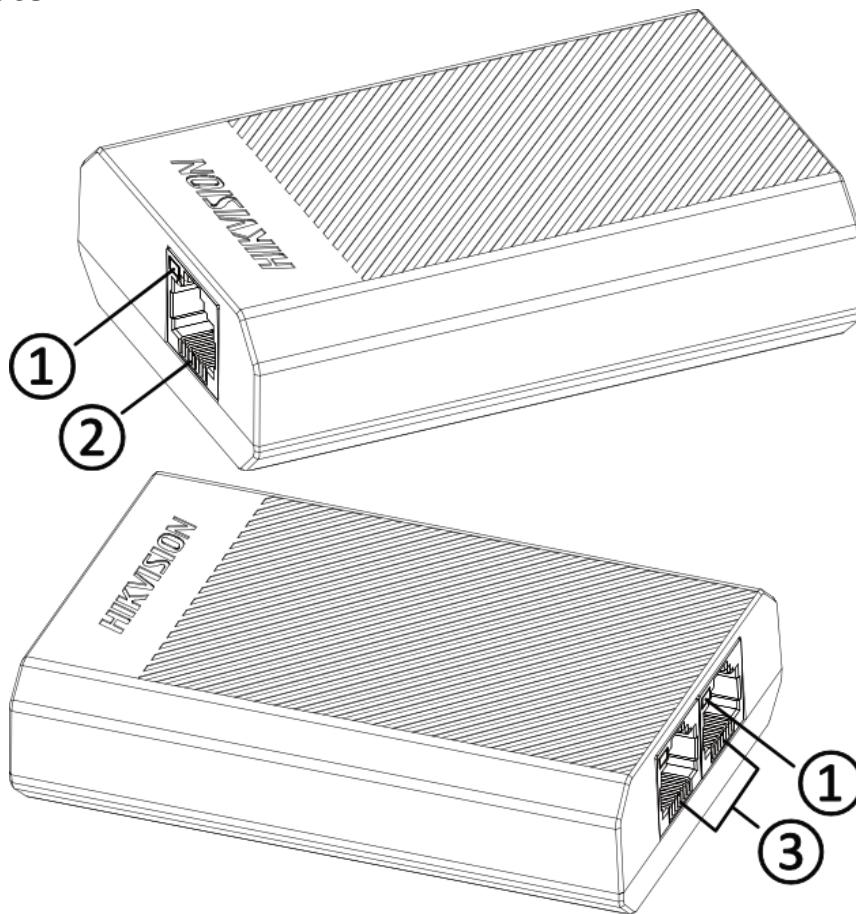
## ▪ Available Model

DS-3E0103DP-E/R

## ▪ Typical Application

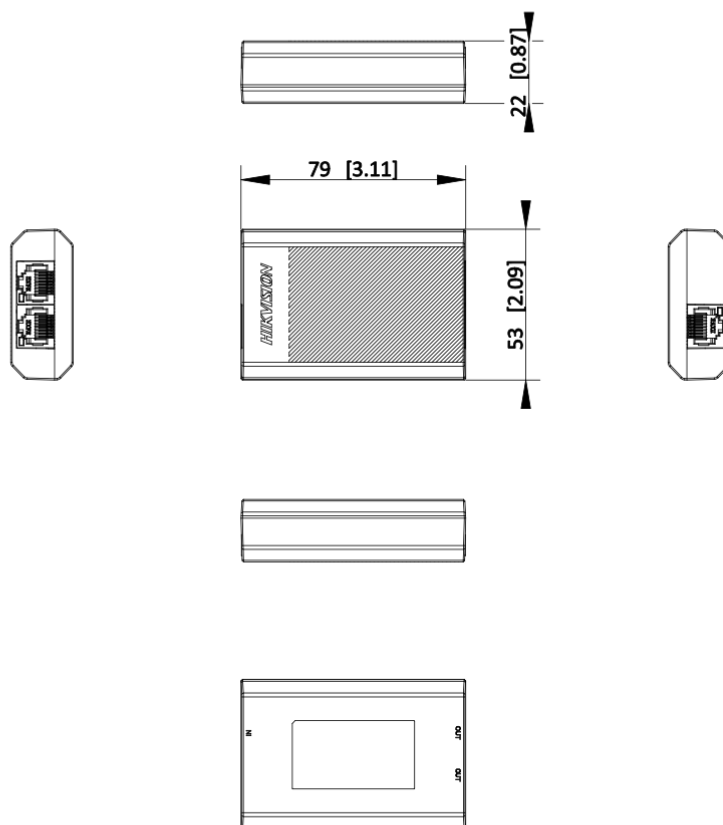


## ▪ Physical Interface



| No. | Indicator/Port     | Description                                                                                                                                                                                                    |
|-----|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①   | LINK/ACT Indicator | <ul style="list-style-type: none"> <li>● Solid on: The port is connected.</li> <li>● Flashing: The port is transmitting data.</li> <li>● Unlit: The port is disconnected or connection is abnormal.</li> </ul> |
| ②   | PoE IN Port        | 10/100 Mbps 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       | 10/100 Mbps PoE OUT port, used for connection to an IPC, switch, or PoE repeater, extending the network transmission distance.                                                                                 |

## Dimension



Unit: mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
www.hikvision.com

Follow us on social media to get the latest product and solution information.

