

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

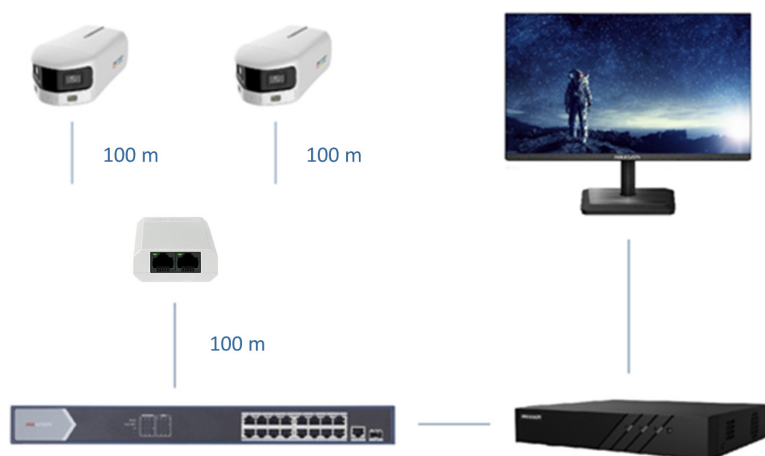
▪ Specification

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)

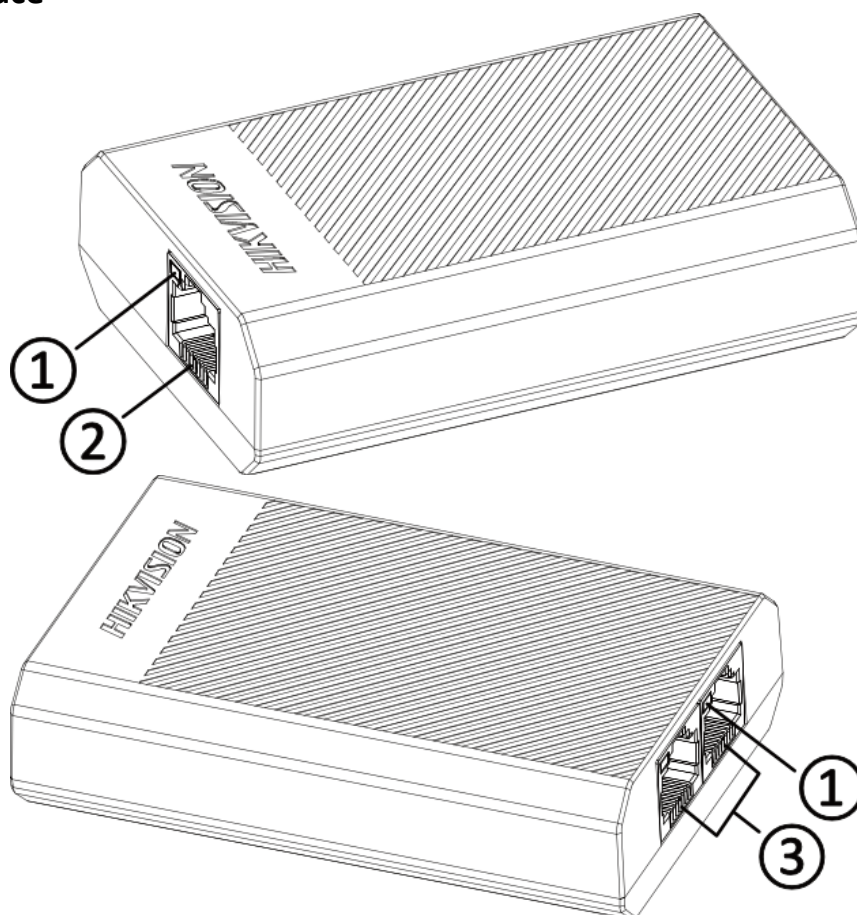
▪ Available Model

DS-3E0503DP-E/R

▪ **Typical Application**

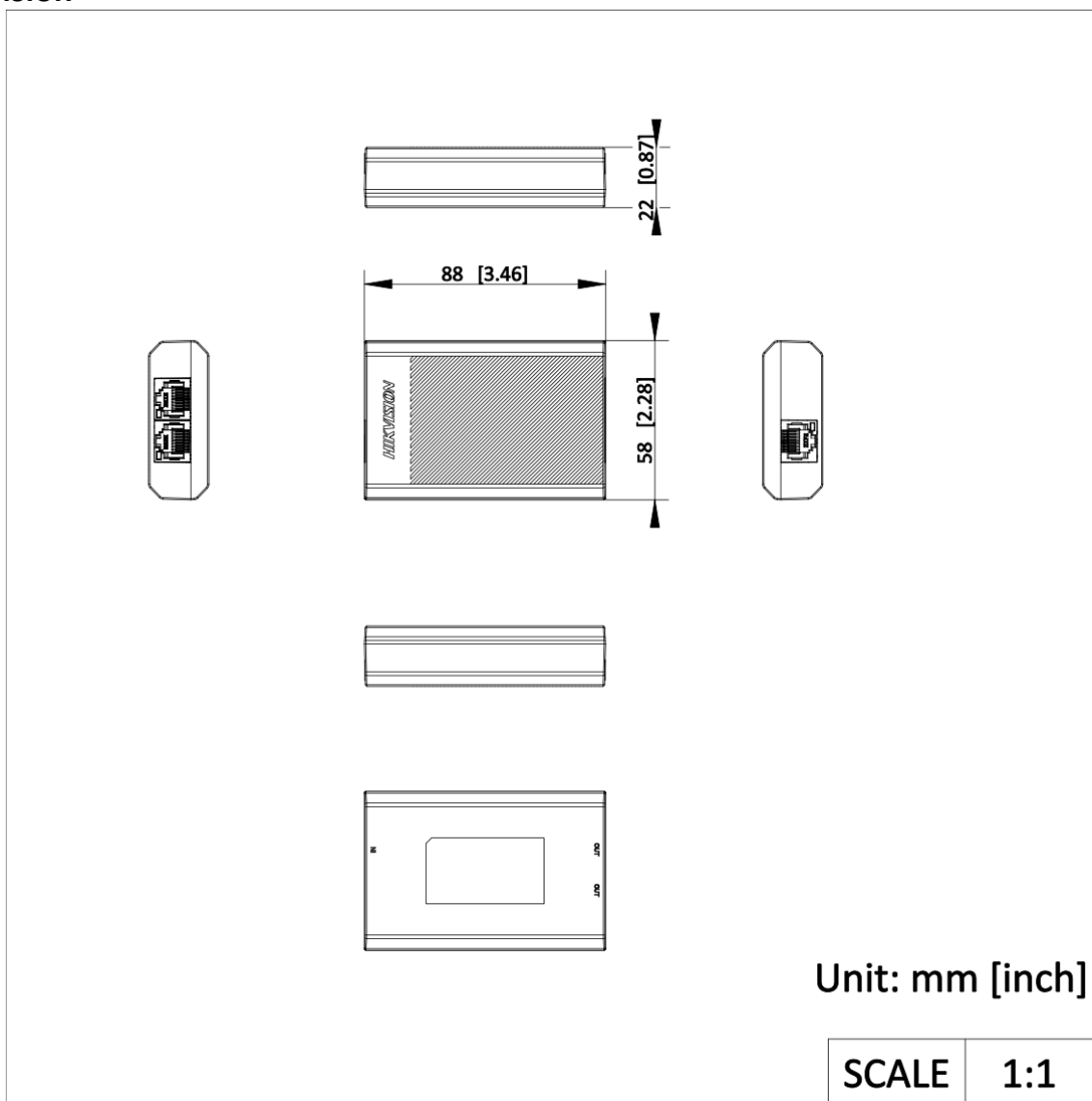


▪ Physical Interface



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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