

## NS-0505P-35 4 Port Gigabit Unmanaged PoE Switch



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor and expand your surveillance system anytime and anywhere with our software platforms. You can view the network topology, monitor the health of the network and receive device alarms in real time, which greatly reduces the cost of network operation and maintenance.

- 4 × Gigabit PoE ports, 1 × Gigabit RJ45 port
- IEEE 802.3at/af standard
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z standard
- 6 kV surge protection for PoE ports
- PoE power management
- Gigabit network access
- Wire-speed forwarding and non-blocking design
- Store-and-forward switching
- Solid high-strength metal shell
- Reliable fan-free design

## ▪ Specification

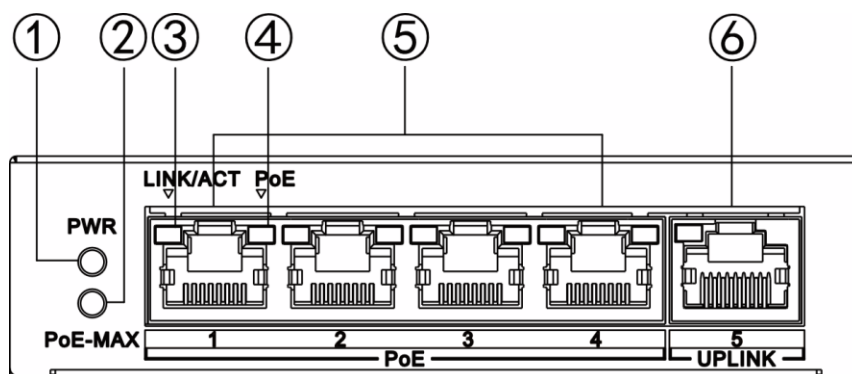
| Model              |                           | NS-0505P-35                                                                                                                                 |
|--------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Network Parameters | Ports                     | 4 × Gigabit PoE port, 1 × Gigabit RJ45 port                                                                                                 |
|                    | MAC Address Table         | 2 K                                                                                                                                         |
|                    | Switching Capacity        | 10 Gbps                                                                                                                                     |
|                    | Packet Forwarding Rate    | 7.44 Mpps                                                                                                                                   |
|                    | Internal Cache            | 1 Mbits                                                                                                                                     |
| PoE Power Supply   | PoE Standard              | IEEE 802.3af; IEEE 802.3at                                                                                                                  |
|                    | PoE Power Pin             | End-span: 1/2(+), 3/6(-)                                                                                                                    |
|                    | PoE Port                  | PoE: Ports 1 to 4                                                                                                                           |
|                    | Max. Port Power           | 30 W                                                                                                                                        |
|                    | PoE Power Budget          | 35 W                                                                                                                                        |
| General            | Shell                     | Metal material                                                                                                                              |
|                    | Net Weight                | 0.265 kg (0.58 lb)                                                                                                                          |
|                    | Gross Weight              | 0.759 kg (1.67 lb)                                                                                                                          |
|                    | Dimensions (W × H × D)    | 105.00 mm × 27.60 mm × 83.10 mm (4.10" × 1.10" × 3.30")                                                                                     |
|                    | Operating Temperature     | −10 °C to 55 °C (14 °F to 131 °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 VDC, 0.8 A                                                                                                                               |
|                    | Max. Power Consumption    | 38 W                                                                                                                                        |
|                    | Power Consumption in Idle | 3 W                                                                                                                                         |
|                    | Installation Mode         | Desk-Mounted, Wall-Mounted                                                                                                                  |
|                    | Surge Protection          | 6 kV                                                                                                                                        |
| 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 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)                          |
|                    | Chemistry                 | CE-RoHS (201165EU);<br>WEEE (201219EU);<br>Reach (Regulation (EC) No.19072006)                                                              |

## ▪ Available Model

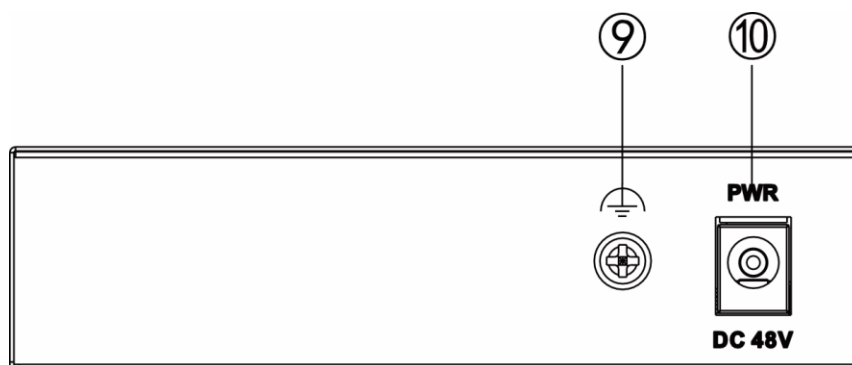
NS-0505P-35

## Physical Interface

### Front Panel

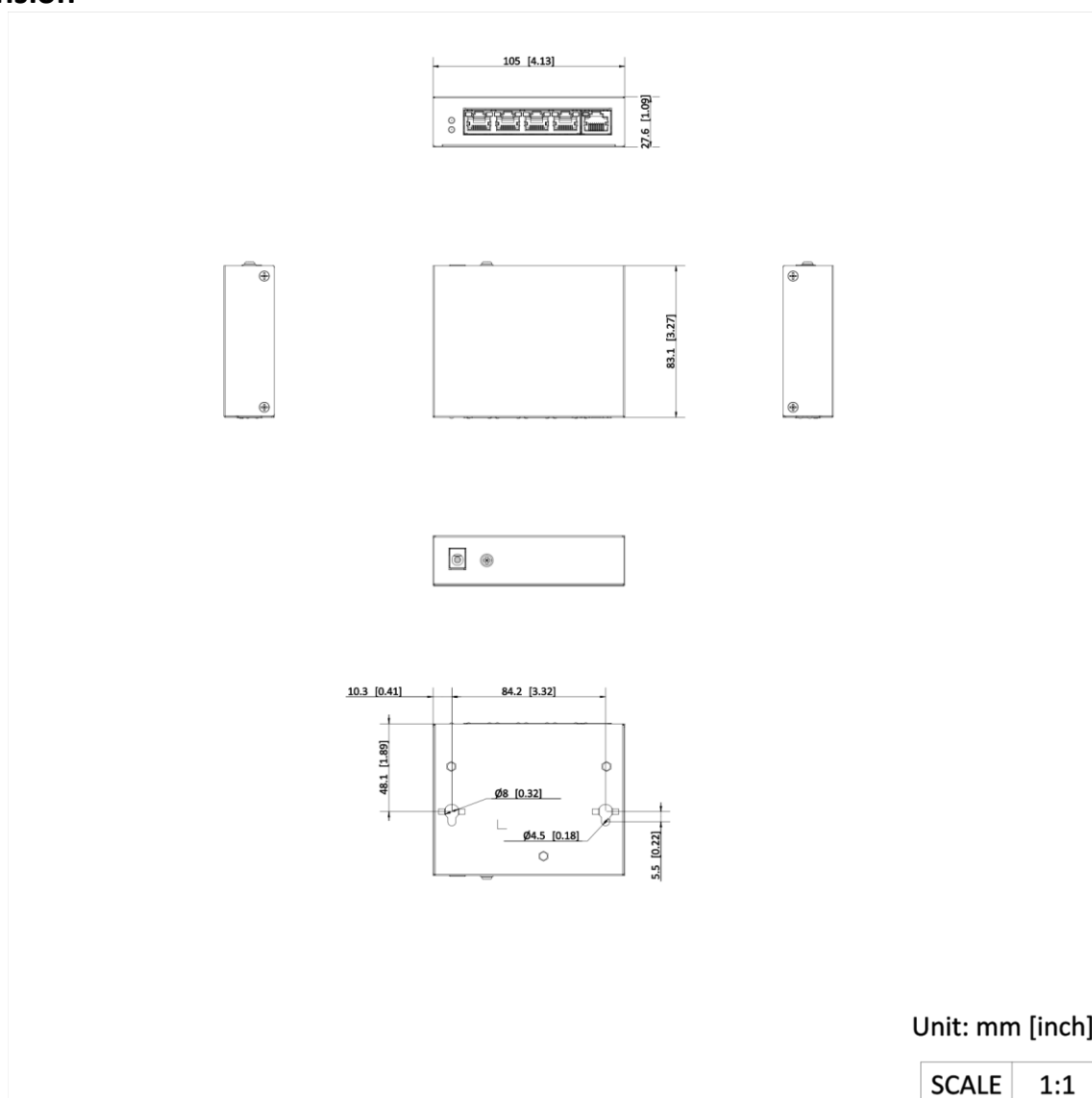


### Rear Panel



| No. | Indicator/Port        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①   | PWR Indicator         | <ul style="list-style-type: none"> <li>● Solid on: The switch is powered on normally.</li> <li>● Unlit: No power supply is connected or power supply is abnormal.</li> </ul>                                                                                                                                                                                                                                                                                                                                   |
| ②   | PoE-MAX Indicator     | <ul style="list-style-type: none"> <li>● Solid on/Flashing: The output power of the switch is about to reach or has reached the upper limit. The power supply may be abnormal if more devices are connected.</li> <li>● Unlit: The switch does not supply power to a powered device (PD), or supplies power to a PD normally and its output power does not reach the upper limit. (About five seconds after the output power of the switch returns to normal, the PoE-MAX indicator will be unlit.)</li> </ul> |
| ③   | 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>                                                                                                                                                                                                                                                                                                 |
| ④   | PoE Indicator         | <ul style="list-style-type: none"> <li>● Solid on: The switch supplies power to a PD normally.</li> <li>● Unlit: The switch is disconnected from a PD or power supply is abnormal.</li> </ul>                                                                                                                                                                                                                                                                                                                  |
| ⑤   | Gigabit PoE RJ45 Port | Used for connection to a PD via a network cable.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ⑥   | Gigabit RJ45 Port     | Used for connection to another device via a network cable.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ⑨   | Grounding Terminal    | Used for connection to a grounding cable to protect the switch from lightning.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ⑩   | Power Supply          | Use the attached power adapter or power cord to connect the switch to a socket.                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Dimension



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