

# NS-0505P-45(B) 4 Port Gigabit Unmanaged PoE Switch



The device is a layer 2 PoE network switch developed by Hikvision, providing PoE power supply technology on the basis of gigabit network access to ensure stable data upload.

- 4 x Gigabit PoE Port, 1 x Gigabit Uplink Port.
- Total PoE Power Budget 45 W.
- IEEE802.3af/at Compliant, and 30 W Max. Output Power for Each Port.
- 6 kV Surge Protection.
- PD Power Intelligent Detection with System-Level Overload Protection.
- Silent Running with Fanless Design.
- Desktop/Wall Installation.

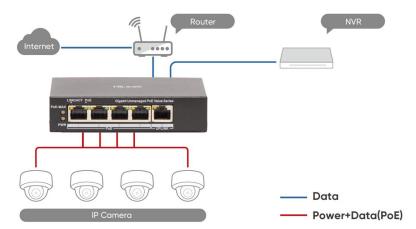


## Specification

| General                   |  |
|---------------------------|--|
| Shell                     | Metal material   |
| Net Weight                | 0.25 kg (0.55 lb)  |
| Gross Weight              | 0.74 kg (1.63 lb)  |
| Dimensions (W × H × D)    | 121.10 mm × 27.60 mm × 83.10 mm (4.76" × 1.08" × 3.27")                          |
| 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              | 54 V DC, 0.92 A  |
| Max. Power Consumption    | 50 W   |
| Power Consumption in Idle | 5 W  |
| Installation Mode         | Desk-Mounted, Wall-Mounted   |
| Surge Protection          | 6 kV   |
| 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          | 45 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                    | CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-  |
|                           | 1: 2014+A11: 2017)   |
|                           | CE-RoHS (201165EU);  |
| Chemistry                 | WEEE (201219EU);   |
|                           | Reach (Regulation (EC) No.19072006)  |

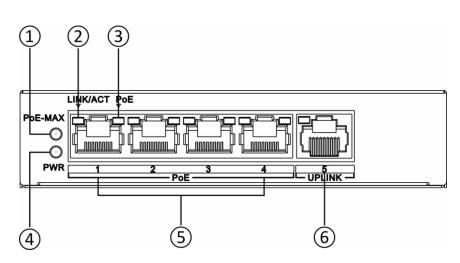


#### Typical Application

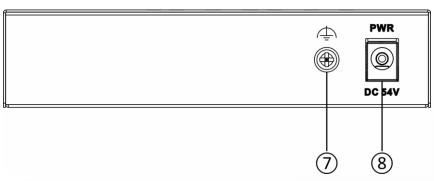


### Physical Interface

Front Panel



Rear Panel

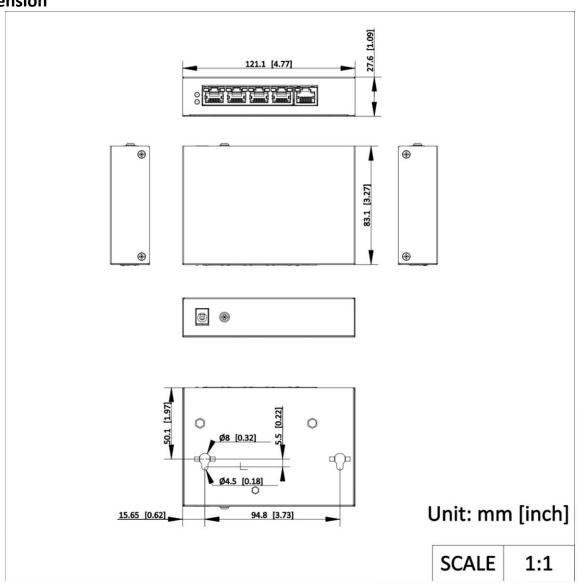


| No. | Indicator/Port       | Description  |
|-----|----------------------|--|
| 1   |                      | Solid on: The output power of the switch is about to reach or has reached the upper limit. |
|     |                      | The power supply may be abnormal if more devices are connected.                            |
|     | PoE-MAX              | • Unlit: The switch does not supply power to a powered device (PD), or supplies power to a |
|     | Indicator            | PD normally and its output power does not reach the upper limit.                           |
|     |                      | Note: The PoE-MAX indicator will be unlit in 5 seconds after the output power of the       |
|     |                      | switch returns to normal.  |
| 2   | LINK/ACT • Indicator | Solid on: The port is connected.   |
|     |                      | Flashing: The port is transmitting data.   |
|     |                      | Unlit: The port is disconnected or connection is abnormal.                                 |



| 3   | PoE Indicator            | <ul> <li>Solid on: The switch provides power supply to a PD normally.</li> <li>Unlit: The switch is disconnected to a PD, or provides power supply to a PD abnormally.</li> </ul> |
|-----|--------------------------|---|
| 4   | PWR Indicator            | <ul> <li>Solid on: The switch is powered on normally.</li> <li>Unlit: No power supply is connected or power supply is abnormal.</li> </ul>  |
| (5) | Gigabit PoE RJ45<br>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.  |
| 7   | Grounding<br>Terminal    | Used for connection to a grounding cable to protect the switch from lightning.  |
| 8   | Power Supply             | Use the attached power cord and power adapter to connect the switch to a power socket.  |

#### Dimension



# See Far, Go Further



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