

DS-3E0524TF(B)
24 Port Gigabit Unmanaged Switch

- Layer 2 network switch designed for video data transmission.
- 12 × Gigabit RJ45 port, 12 × Gigabit fiber optical port.
- IEEE 802.3, IEEE802.3u and IEEE802.3x network standards available.
- Store-and-forward switching.
- Delay of data-exchange less than 5 us.
- Safe and reliable using 6 kV high surge protection.
- Plug and play ensures simplicity and convenience.

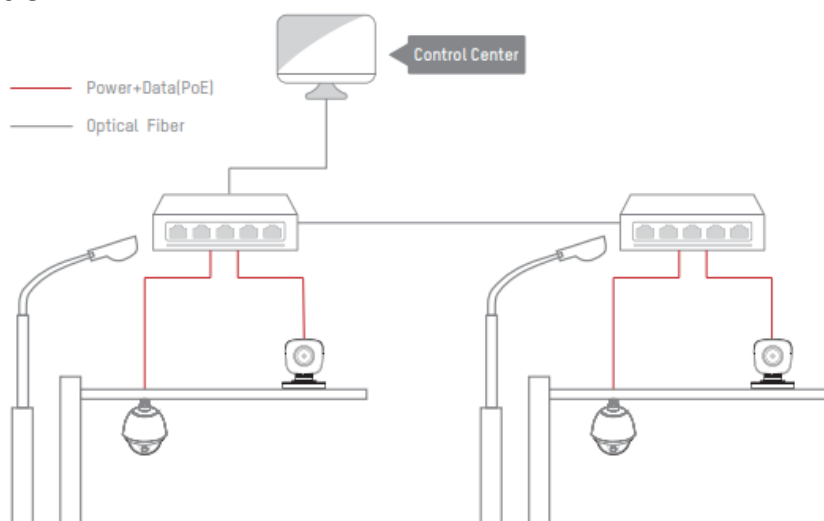
▪ Specification

| General | |
|---------------------------|---|
| Shell | Metal material, fan-free design |
| Net Weight | 2.60 kg (5.73 lb) |
| Gross Weight | 3.30 kg (7.28 lb) |
| Dimensions (W × H × D) | 440.0 mm × 44.0 mm × 220.8 mm (17.3" × 1.7" × 8.7") |
| Operating Temperature | 0 °C to 45 °C (0 °F to 113 °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 | 220 V AC, 50/60 Hz |
| Max. Power Consumption | 40 W |
| Power Consumption in Idle | 10 W |
| Installation Mode | Rack (equipped with mounting ears) |
| Surge Protection | 6 kV |
| Network Parameters | |
| Ports | 12 × Gigabit RJ45 port, 12 × Gigabit fiber optical port |
| MAC Address Table | 16 K |
| Switching Capacity | 48 Gbps |
| Packet Forwarding Rate | 35.7 Mpps |
| Internal Cache | 12 Mbits |
| 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) |
| Chemistry | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2018) |

▪ Available Model

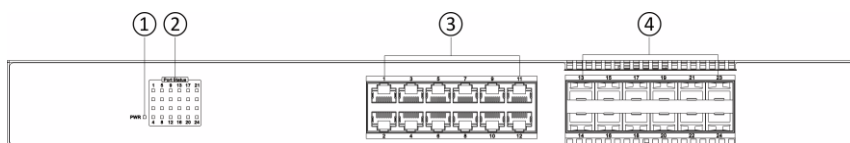
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▪ Typical Application



Physical Interface

Front Panel

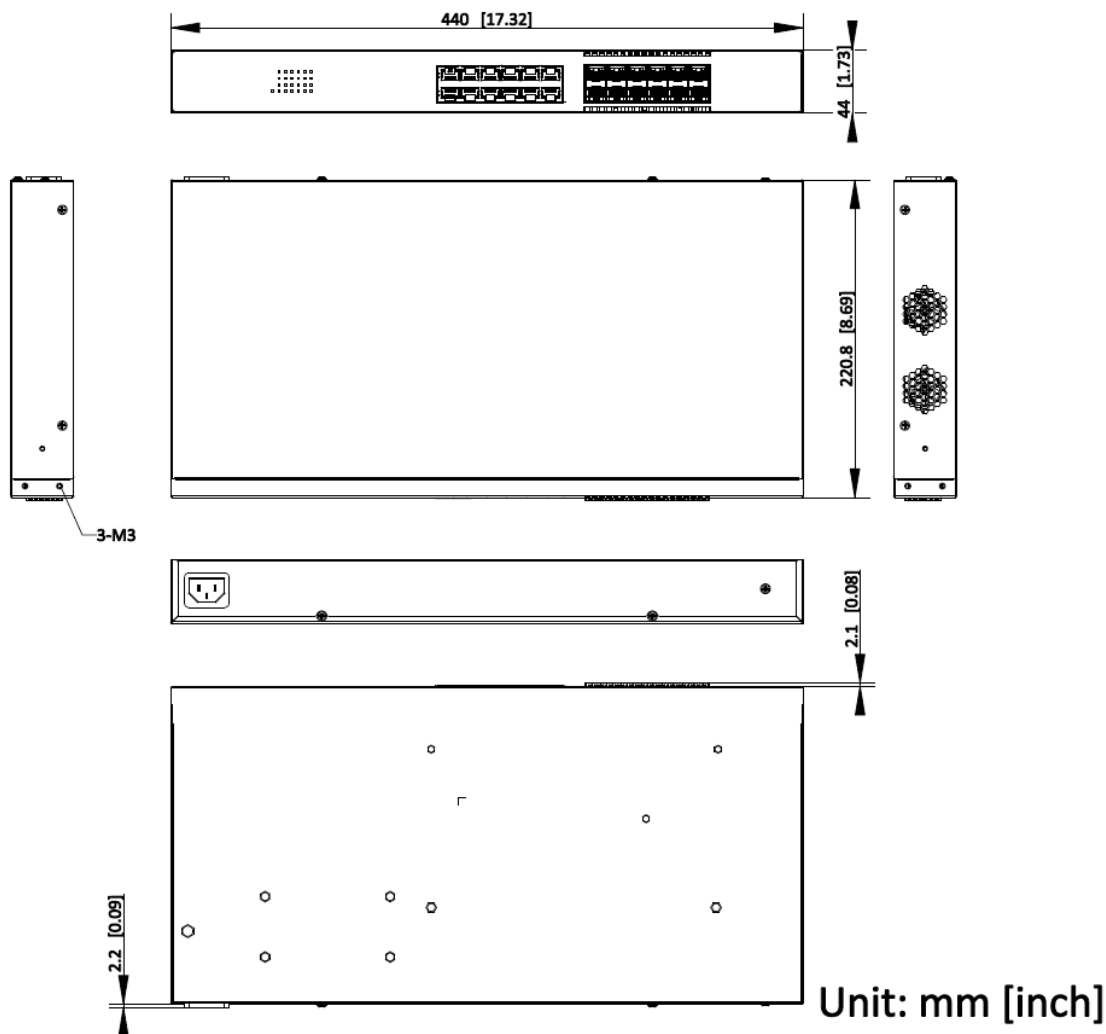


Rear Panel



| No. | Indicator/Port | Description |
|-----|--------------------------------|--|
| ① | PWR Indicator | <ul style="list-style-type: none"> ● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal. |
| ② | Port Status 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. |
| ③ | Gigabit RJ45 Port | Used for connection to another device via a network cable. |
| ④ | Gigabit SFP Fiber Optical Port | Used for connection to another device via an optical fiber when plugged into with an optical module. |
| ⑤ | Grounding Terminal | Used for connection to a grounding cable to protect the switch from lightning. |
| ⑥ | Power Supply | Use the attached AC power cord to connect the switch to a socket. |

▪ Dimension



SCALE 1:1

Headquarters

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



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