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.

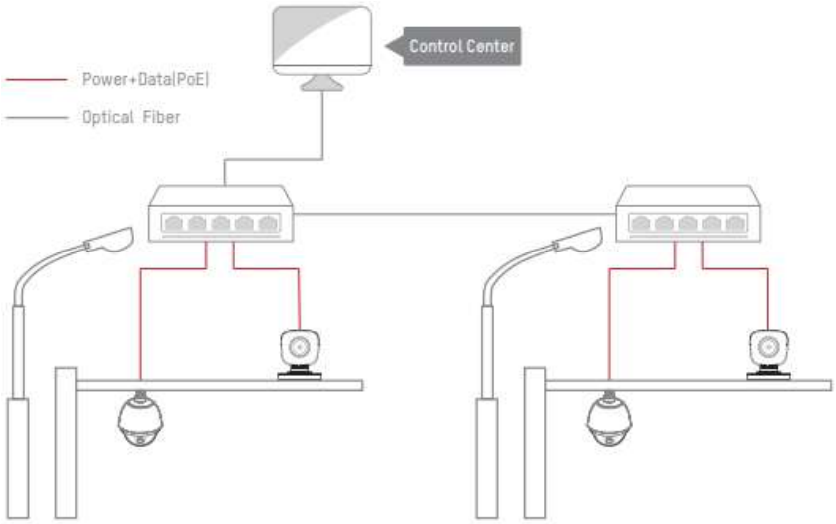
▪ Specification

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

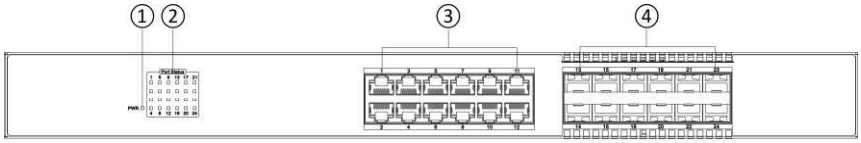
DS-3E0524TF(B)

▪ Typical Application

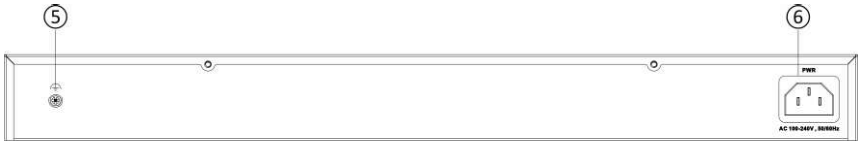


▪ Physical Interface

Front Panel

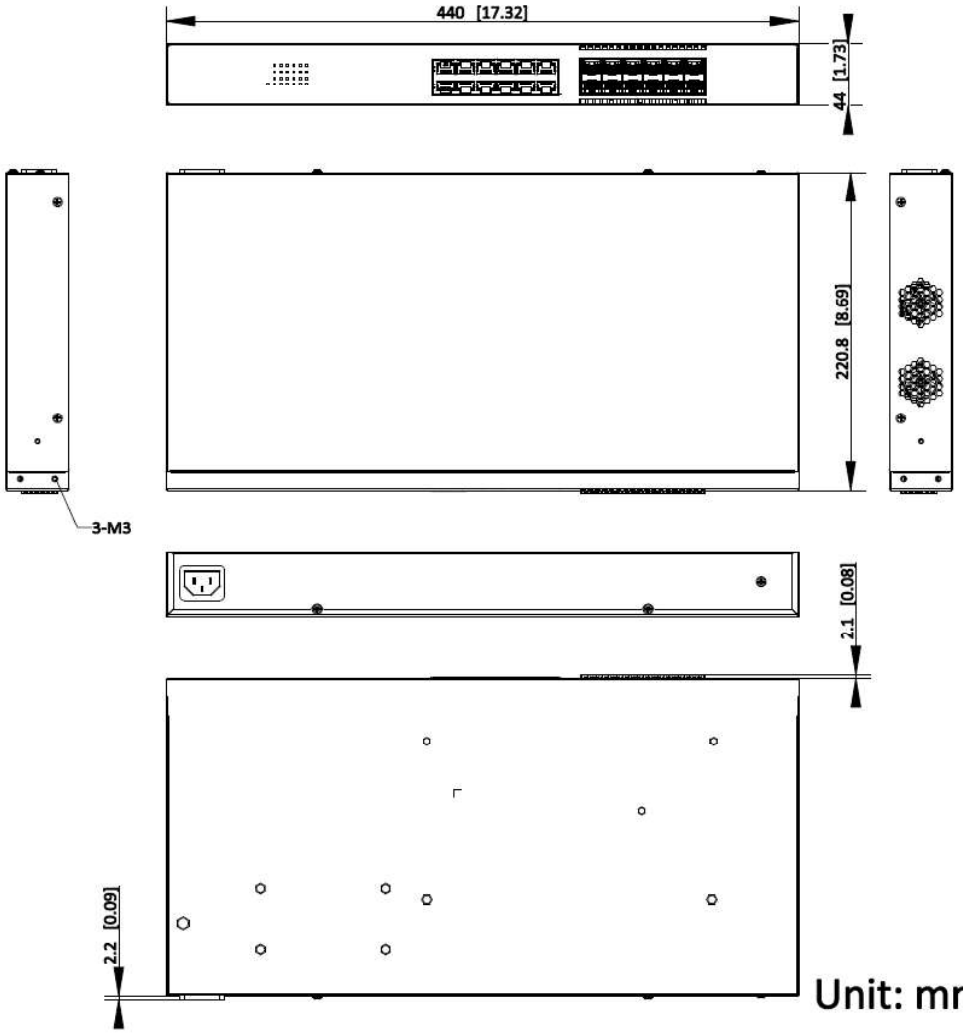


Rear Panel



No.	Indicator/Port	Description
①	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
②	Port Status Indicator	● 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



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.

Hikvision | HikvisionHQ | HikvisionHQ | Hikvision_Global | Hikvision Corporate Channel | hikvisionhq

© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.