

## DS-TL5418-FEH 16 Port Gigabit Smart PoE Switch

Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor, and expand your video security 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.

- 16 x gigabit PoE RJ45 ports, 1 × gigabit RJ45 port, 1 x gigabit fiber optical port
- Total PoE power budget 130 W
- Unified cloud management for security systems
- Network topology at your fingertips
- Remote troubleshooting
- Visualized topology management
- Up to 300 m long-range PoE transmission
- 6 kV surge protection



•

## Specification

General	
Shell	Metal material
Net Weight	2.7 kg (5.9 lb)
Gross Weight	2.9 kg (6.4 lb)
Dimensions (W × H × D)	440.0 mm × 220.8 mm × 44.0 mm (17.32'' × 8.69'' × 1.73'')
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	100~240 V AC, 50/60 Hz, Max. 2.5 A
Installation Mode	Rack (equipped with mounting ears)
Max. Power Consumption	150 W
Power Consumption in Idle	20 W
Surge Protection	6 kV
Network Parameters	
Ports	16 × Gigabit PoE port,1 × Gigabit RJ45 port,1 × Gigabit fiber optical port
MAC Address Table	8 К
Switching Capacity	56 Gbps
Packet Forwarding Rate	41.66 Mpps
Internal Cache	4.1 Mbits
PoE Power Supply	
PoE Standard	IEEE 802.3af,IEEE 802.3at
PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE Port	PoE: Ports 1 to 16
Max. Port Power	30 W
PoE Power Budget	130 W
Software Function	
Long Range	Ports 1 to 16: up to 300 m.
	Long range performance may vary depend on camera model or cable condition.
Port Isolation	Ports 1 to 16: port isolation mode to improve network security.
	Ports in an isolation group cannot communicate with each other, but they can
	communicate with ports outside the isolation group.
PoE Watchdog	Ports 1 to 16: auto detect and restart the cameras that do not respond.
Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for
	load balancing, bandwidth expansion, and port protection.
	Support static link aggregation.
	Support 8 aggregation groups.
Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which
	will seriously affect network communication. Disabled by default.
	Support 802.1D STP.
	Suppport 802.1w RSTP.



.

VLAN	VLAN is used for network scale planning and network health improvement.
	Support 802.1Q.
	Configurable VLAN ID from 1-4094.
	Support Trunk, Access port mode.
	Support Max. 32 VLAN.
НРР	Support one-click activation and remote management via Hik-Partner Pro. Functions
	supported:
	1. Display the port rate.
	2. Display the port bandwidth utilization rate.
	3. Display the PoE power usage.
	4. Display topology information.
	5. Display the alarm status.
	6. Restart ports and devices.
	7. Enable port long-rage mode.
	8. Remotely upgrade the device.
	Support device management via web.
System Maintenance	Support DHCP Client. Enabled by default for dynamic assignment of management IP
	addresses.
	Support Super IP, which is a fixed IP address (10.180.190.200) for direct access.
	Support remote management via Hik-Partner Pro.
	Support cable detection. Abnormal open circuits and short circuits as well as network
	cable length can be detected.
	Support 802.1ab LLDP for peer device discovery.
	Support port mirroring for fault locating.
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 (201165EU);
	WEEE (201219EU);
	Reach (Regulation (EC) No.19072006)



## Available Model

DS-TL5418-FEH

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

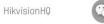


Follow us on social media to get the latest product and solution information.













O 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.

