

HK-301801604

Hikvision Hikvision 8 Port Gigabit Unmanaged Harsh PoE Switch with 2x Gigabit SFP Ports

Product Overview

Hikvision 8 Port Gigabit Unmanaged Harsh PoE Switch with 2x Gigabit SFP Ports, DS-3T0510HP-E/HS, Metal material, Fan-free Design, Desk-Mounted / Rail installation mode, 8x Gigabit PoE Port, 2x Gigabit Fiber Optical Port, 20 Gbps switching capacity, Ports 7 to 8 up to 300m, Ports 1 to 2 Hi-PoE Port, Ports 3 to 8 PoE Port, Ports 1 and 2 90W Maximum Port Power, Ports 3 to 8 30W Maximum Port Power, 110W PoE Power budget



Specifications

Overview Summary:

The Hikvision DS-3T0510HP-E/HS is an 8-port unmanaged Gigabit PoE switch designed for reliable CCTV and network installations. It combines six Gigabit PoE ports, two 90W Hi-PoE ports and two Gigabit SFP fiber ports, with a 110W PoE power budget and up to 300m long-range transmission on ports 7 and 8.

Its rugged metal, fan-free design supports demanding environments and includes PoE watchdog, port isolation and 6kV surge protection. Suitable for security camera and network installations across South Africa. Buy now or shop now for dependable PoE connectivity.

Performance tier:Professional

Uses:CCTV networks, IP security cameras, PoE devices, network connectivity, long-range camera installations, fiber-linked networks

Overview:

The Hikvision DS-3T0510HP-E/HS is an 8 Port Gigabit Unmanaged Harsh PoE Switch designed for reliable network connectivity and power delivery in demanding security and surveillance installations. It combines six Gigabit PoE RJ45 ports, two higher-power Hi-PoE ports and two Gigabit SFP fiber ports, providing a practical solution for connecting IP cameras and other PoE network devices.

Its rugged metal housing and fan-free design make it well suited to environments where durability and dependable operation are important. With a 110W total PoE power budget, up to 90W available from each Hi-PoE port, and long-range transmission

of up to 300m on Ports 7 and 8, the switch provides flexible deployment options for larger surveillance networks.

Description:

The Hikvision DS-3T0510HP-E/HS provides Gigabit network performance with integrated PoE power for security cameras and compatible network equipment. The two Hi-PoE ports support up to 90W each, while the remaining six PoE ports provide up to 30W per port. PoE watchdog functionality can automatically detect and restart unresponsive cameras, helping maintain reliable surveillance operation without constant manual intervention.

Built for harsh operating conditions, the switch features 6 kV surge protection on its PoE ports, a solid high-strength metal shell and a fan-free design for reliable operation. Port isolation helps improve network security, while wire-speed forwarding and store-and-forward switching support efficient data transmission.

Features:

Gigabit PoE Connectivity for Surveillance Networks

With eight Gigabit PoE network ports and two Gigabit SFP fiber optical ports, the DS-3T0510HP-E/HS can connect multiple IP cameras while providing options for fiber uplinks. The combination of copper and fiber connectivity makes it suitable for CCTV installations where network equipment may need to be distributed across longer distances.

Ports 1 and 2 are Hi-PoE ports designed for devices requiring higher power, while Ports 3 to 8 provide standard PoE connectivity. Ports 7 and 8 also support transmission distances of up to 300m, making them useful for extended camera deployments.

Key connectivity and power points include:

- 2 x Gigabit Hi-PoE RJ45 ports with up to 90W maximum power per port
- 6 x Gigabit PoE RJ45 ports with up to 30W maximum power per port
- 2 x Gigabit SFP fiber optical ports
- 110W total PoE power budget
- Up to 300m long-range transmission on Ports 7 and 8
- 20 Gbps switching capacity

Reliable PoE Power for IP Cameras

The switch supports IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt standards on the Hi-PoE ports, allowing it to supply higher power to compatible devices. The standard PoE ports support IEEE 802.3af and IEEE 802.3at. This provides flexibility when connecting different types of surveillance cameras and PoE equipment.

PoE watchdog functionality automatically monitors connected cameras and can restart cameras that stop responding. This can help reduce downtime and maintain more consistent operation across an IP surveillance system.

Built for Harsh Environments

The DS-3T0510HP-E/HS uses a high-strength metal enclosure and fan-free cooling design for dependable long-term operation. Its wider operating temperature range of -30 C to 65 C allows it to be used in more demanding installation environments.

The switch also includes 6 kV surge protection for its PoE ports, helping provide additional protection against electrical surges that can affect connected network equipment.

Network Management and Switching

As an unmanaged switch, the DS-3T0510HP-E/HS is designed for straightforward installation without requiring complex network configuration. It supports wire-speed forwarding and store-and-forward switching for efficient handling of network traffic.

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Product Specification Sheet

Port isolation provides an additional layer of network separation, which can help improve security in surveillance installations by restricting communication between connected devices where appropriate.

Installation and Technical Details

The switch supports desk-mounted and rail installation, providing flexibility when integrating it into different security and networking environments.

Important technical details:

- Model: DS-3T0510HP-E/HS
- Part Number / SKU: HK-301801604
- Type: 8 Port Gigabit Unmanaged Harsh PoE Switch
- Switching capacity: 20 Gbps
- PoE budget: 110W
- PoE ports: 8 x Gigabit RJ45
- Fiber ports: 2 x Gigabit SFP
- Maximum Hi-PoE output: 90W per port
- Standard PoE output: 30W per port
- Long-range transmission: Up to 300m
- Surge protection: 6 kV on PoE ports
- Housing: High-strength metal
- Cooling: Fan-free design
- Installation: Desk-mounted or rail installation
- Operating temperature: -30 C to 65 C

The Hikvision DS-3T0510HP-E/HS is a practical choice for CCTV and IP camera installations that require Gigabit connectivity, higher-power PoE support, fiber uplinks and reliable operation in challenging environments.

Specifications:

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Specifications	
Product Code	HK-301801604
General	
Shell	Metal material, fan-free design
Net Weight	0.585 kg (1.29 lb)
Gross Weight	1.11 kg (2.45 lb)
Dimensions (W x H x D)	197.0 mm x 114.2 mm x 42.2 mm (7.76" x 4.50" x 1.66")
Operating Temperature	-30 degreesC to 65 degreesC (-22 degreesF to 149degreesF)
Storage Temperature	-40 degreesC to 85 degreesC (-40 degreesF to 185 degreesF)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	54VDC, 2.5A

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Max. Power Consumption	120 W
Power Consumption in Idle	10 W
Installation Mode	Desk-Mounted,Rail
Surge Protection	6 kV
Network Parameters	
Ports	8 x Gigabit PoE port,2 x Gigabit fiber optical port
MAC Address Table	4 K
Switching Capacity	20 Gbps
Packet Forwarding Rate	14.88 Mpps
Internal Cache	1.5 Mbits
Dialing Function	
Long Range	Ports 7 to 8: up to 300 m
	Long range performance may vary depend on camera model or cable condition.
Port Isolation	Ports 1 to 8: port isolation mode to improve network security.
PoE Watchdog	Ports 1 to 8: auto detect and restart the cameras that do not respond.
PoE Power Supply	
PoE Standard	IEEE 802.3af,IEEE 802.3at,IEEE 802.3bt
PoE Power Pin	Ports 1 to 2: 8-pin power: 1/2(-), 3/6(+),4/5(+), 7/8(-)
	Ports 3 to 6: End-span: 1/2(-), 3/6(+)
	Ports 7 to 8:8-pin power: 1/2(-), 3/6(+),4/5(+), 7/8(-)
PoE Port	Hi-PoE: Ports 1 to 2
	PoE: Ports 3 to 8
Max. Port Power	Ports 1 and 2: 90 W
	Ports 3 to 8: 30 W
PoE Power Budget	110 W
Approval	
EMC	FCC (47 CFR Part 15, Subpart B),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),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)
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 (2011/65/EU)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/HK-301801604-Hikvision-Hikvision-8-Port-Gigabit-Unmanaged-Buy-p-340506.php>

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