

## DS-3T0506HP-E/HS 4-Port Gigabit Unmanaged Hi-PoE Switch



DS-3T0506HP-E/HS switches are layer 2 Hi-PoE switches, providing advanced PoE power supply technology and wider temperature (-30 to 65 °C) design on the basis of high-performance access to ensure stable data upload. The switches support Hi-PoE, long range, port isolation, and PoE watchdog function.

- 3 × gigabit PoE ports, 1 × gigabit Hi-PoE port, 2 × gigabit SFP fiber optical ports.
- IEEE 802.3at/af/bt standard for Hi-PoE port (Max. 60 W PoE output).
- IEEE 802.3at/af standard for PoE ports (Max. 30 W PoE output).
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab standard.
- 6 KV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- PoE watchdog to auto detect and restart the cameras that do not respond.
- Port isolation to improve network security.
- Wire-speed forwarding.
- Wider temperature (-30 to 65 °C) design.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

## ▪ Specification

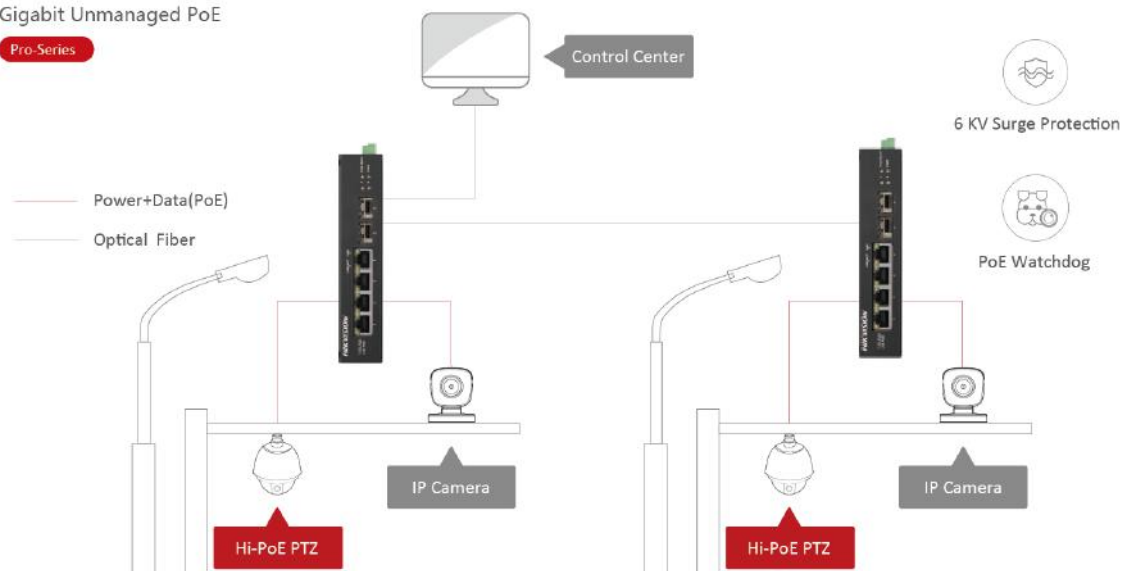
Model		DS-3T0506HP-E/HS
<b>Network Parameters</b>	Ports	3 × gigabit PoE ports, 1 × gigabit Hi-PoE port, 2 × gigabit fiber optical ports
	Port Type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Working Mode	Standard mode (default), Extend mode, Isolation mode, PoE watchdog mode
	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab
	Forwarding Mode	Store-and-forward switching
	MAC Address Table	2 K
	Switching Capacity	12 Gbps
	Packet Forwarding Rate	8.928 Mpps
	Internal Cache	1 Mbits
	Ports for Long-Distance Transmission	Ports 3 and 4
<b>PoE Power Supply</b>	PoE Standard	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at
	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
	PoE Port	Ports 2 to 4
	Max. Port Power	Port 1: 60 W Ports 2 to 4: 30 W
	PoE Power Budget	60 W
<b>Dialing Function</b>	Long Range	Ports 3 and 4: up to 300 m.
	Port Isolation	Ports 1 to 4: port isolation mode to improve network security.
	PoE Watchdog	Ports 1 to 4: auto detect and restart the cameras that do not respond.
<b>General</b>	Dimensions (W × H × D)	158 mm × 101.2 mm × 31.6 mm (6.22" × 3.98" × 1.24")
	Shell	Metal material, fan-free design
	Gross Weight	0.94 kg (2.07 lb)
	Net Weight	0.38 kg (0.84 lb)
	Operating Temperature	-30 °C to 65 °C (-22 °F to 149°F)
	Operating Humidity	5% to 95% (no condensation)
	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Storage Humidity	5% to 95% (no condensation)
	Power Consumption in Idle	< 5 W
	Power Supply	48 to 57 VDC, 1.35 A Max.
Max. Power Consumption	65 W	
<b>Approval</b>	EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010 +A1: 2015); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016)
	Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013)
	Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

## ▪ Typical Application

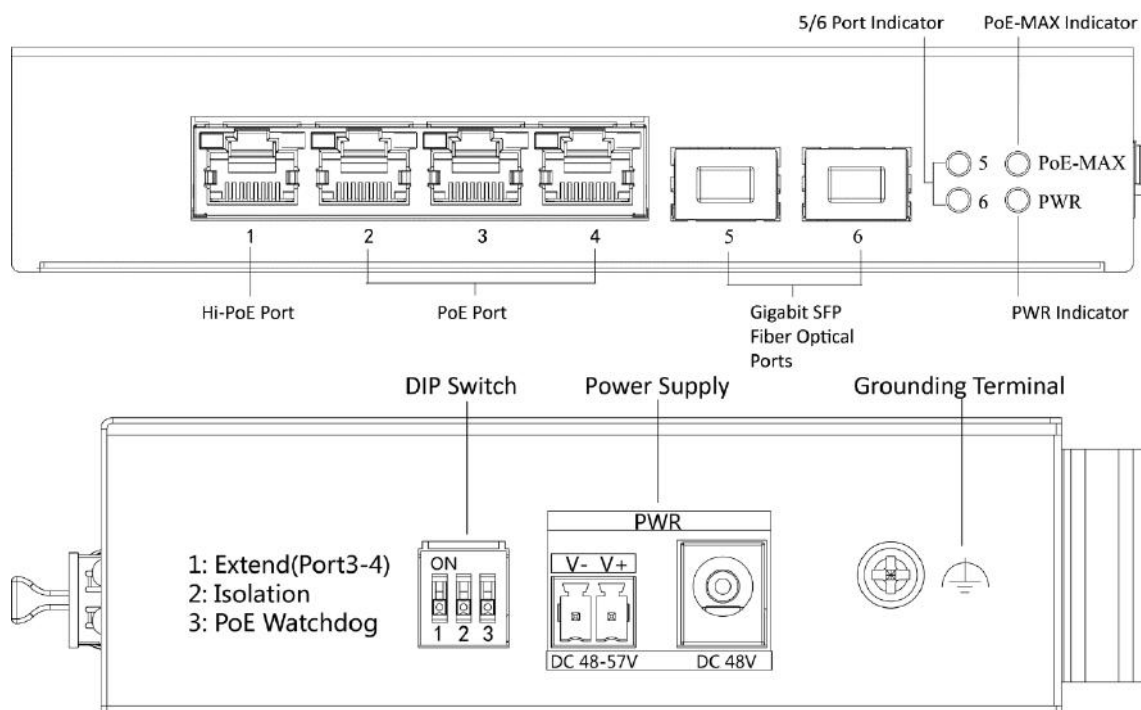
### 4-Port Gigabit PoE

Gigabit Unmanaged PoE

Pro-Series



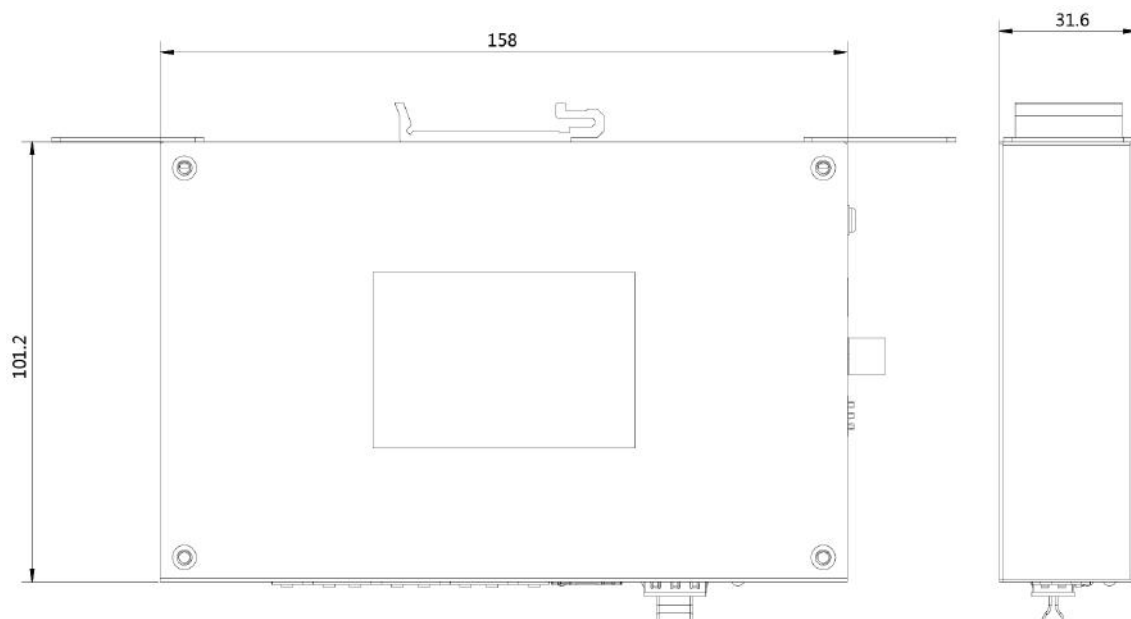
## ▪ Physical Interface



## ▪ Available Model

DS-3T0506HP-E/HS

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

ELG-150-48A	HK-SFP-1.25G-20-1310	HK-SFP-1.25G-1310-DF-MM	HK-SFP-1.25G-20-1310-DF	HK-SFP-1.25G-20-1550
				

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