

DS-3E1318P-EI**16 Port Fast Ethernet Smart PoE Switch**

- 16 × 100 Mbps PoE RJ45 ports, 2 × gigabit combos.
- IEEE 802.3at/af standard for PoE ports.
- Network topology management, alarm push, network health monitor.
- 6 kV surge protection for PoE ports.
- AF/AT camera can reach up to 300 m in extend mode.

▪ Specification

General	
Shell	Metal material
Net Weight	2.59 kg (5.71 lb)
Gross Weight	3.68 kg (8.11 lb)
Dimensions (W × H × D)	440.00 mm × 44.00 mm × 220.80 mm (17.32" × 1.73" × 8.69")
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
Max. Power Consumption	250 W
Installation Mode	Rack (equipped with mounting ears)
Power Consumption in Idle	10 W
Surge Protection	6 kV
Network Parameters	
Ports	16 × 10/100 Mbps PoE port, 2 × Gigabit combo
MAC Address Table	16 K
Switching Capacity	9.2 Gbps
Packet Forwarding Rate	6.84 Mpps
Internal Cache	4 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	230 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.
VIP Port	Ports 1 to 8: data on VIP ports is preferentially forwarded when bandwidth resources are insufficient.
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 1 aggregation group.

HPP	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-range mode. 8. Remotely upgrade the device.
System Maintenance	Support remote upgrade, recovering default parameters, viewing logs, configuring basic network parameters.
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),WEEE (2012/19/EU),Reach (Regulation (EC) No.1907/2006)

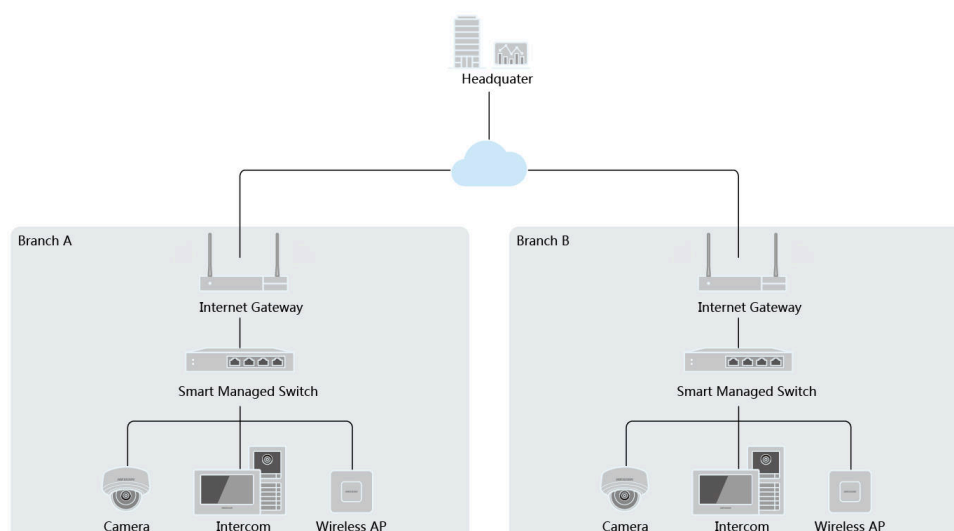
▪ Available Model

DS-3E1318P-EI

DS-3E1318P-EI V2

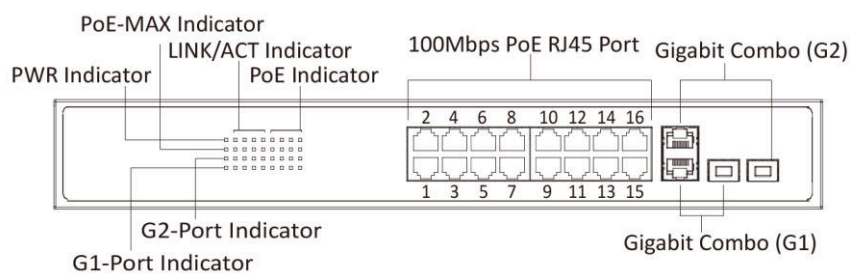
DS-3E1318P-EI(B)

▪ Typical Application

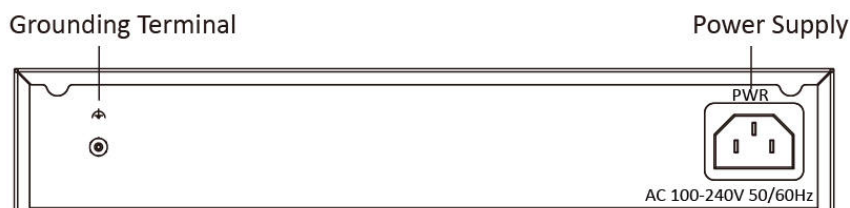


Physical Interface

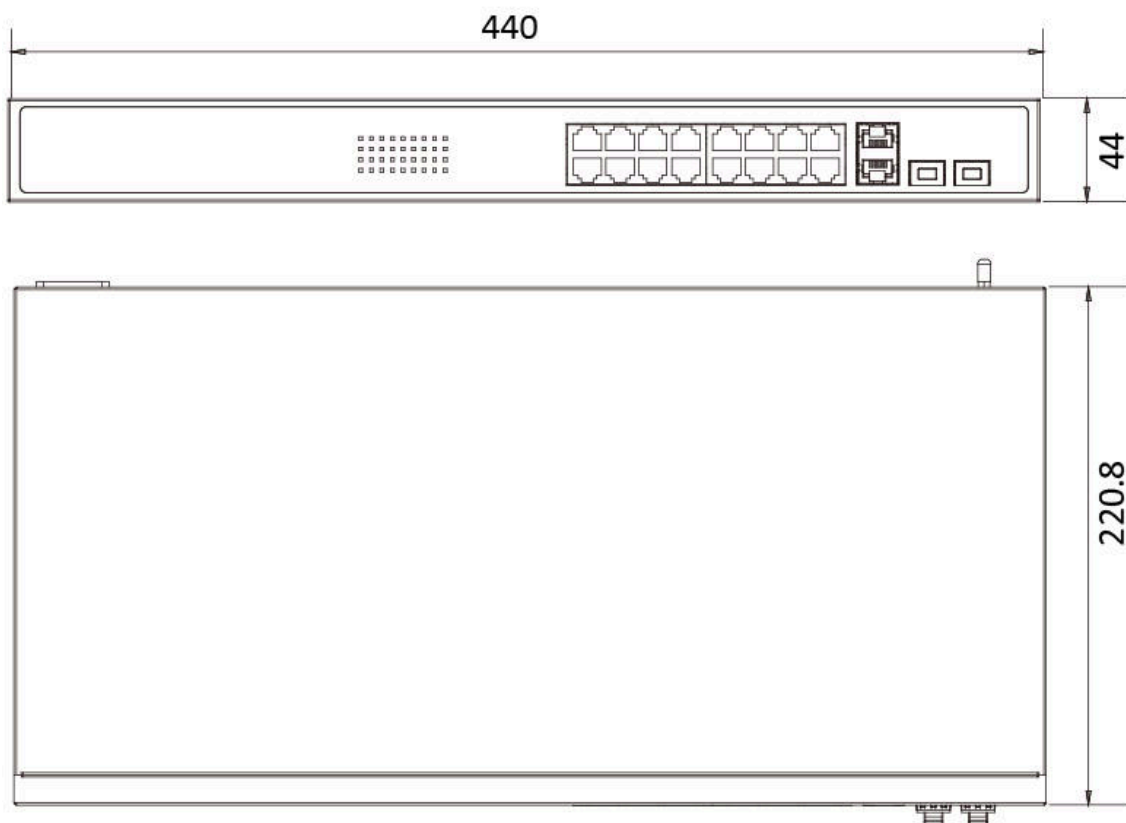
Front Panel



Rear Panel



Dimension (Unit: mm)



▪ **Accessory**

▪ **Optional**

HK-SFP-1.25G-20-1550 SFP Module	HK-SFP-1.25G-20-1310 SFP Module	HK-SFP-1.25G-1310-DF- MM SFP Module	HK-SFP-1.25G-20-1310- DF SFP Module
			

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