

## DS-3E1524-EI 24 Port Gigabit Smart Switch



- 24 × gigabit RJ45 ports.
- Gigabit network access design.
- Network topology management, alarm push, network health monitor.
- Solid high-strength metal shell.
- Reliable fan-free design.

## ▪ Specification

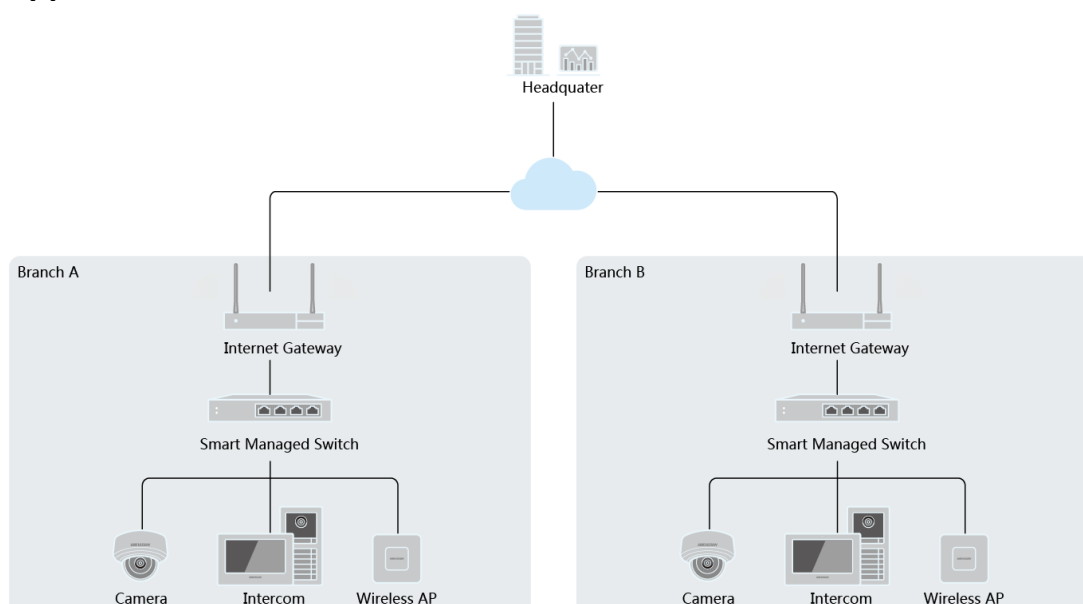
General	
Shell	Metal material, IP40
Net Weight	1.62 kg (3.57 lb)
Gross Weight	2.545 kg (5.61 lb)
Dimensions (W × H × D)	335.00 mm × 44.50 mm × 175.80 mm (13.19" × 1.75" × 6.92")
Operating Temperature	0 °C to 45 °C (0 °F to 113 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	220 V AC, 50/60 Hz, Max. 0.7 A
Installation Mode	Rack (equipped with mounting ears)
Max. Power Consumption	13 W
Power Consumption in Idle	5 W
Surge Protection	6 kV
Network Parameters	
Ports	24 × Gigabit RJ45 port
MAC Address Table	8 K
Switching Capacity	56 Gbps
Packet Forwarding Rate	41.66 Mpps
Internal Cache	4.1 Mbits
Software Function	
Link Aggregation	<p>Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection.</p> <p>Support static link aggregation.</p> <p>Support 8 aggregation groups.</p>
HPP	<p>Support one-click activation and remote management via Hik-Partner Pro. Functions supported:</p> <ol style="list-style-type: none"> <li>1. Display the port rate.</li> <li>2. Display the port bandwidth utilization rate.</li> <li>3. Display topology information.</li> <li>4. Display the alarm status.</li> <li>5. Restart ports and devices.</li> <li>6. Remotely upgrade the device.</li> </ol>
Port Isolation	<p>Ports 1 to 24: port isolation mode to improve network security</p> <p>Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.</p>
Loop Prevention	<p>Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default.</p> <p>Support 802.1D STP.</p> <p>Support 802.1w RSTP.</p>

VLAN	<p>VLAN is used for network scale planning and network health improvement.</p> <p>Support 802.1Q.</p> <p>Configurable VLAN ID from 1-4094.</p> <p>Support Trunk, Access port mode.</p> <p>Support Max. 32 VLAN.</p>
System Maintenance	<p>Support device management via web.</p> <p>Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses.</p> <p>Support Super IP, which is a fixed IP address (10.180.190.200) for direct access.</p> <p>Support management via Hik-Central Pro.</p> <p>Support remote management via Hik-Partner Pro.</p> <p>Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected.</p> <p>Support 802.1ab LLDP for peer device discovery.</p> <p>Support SNMP v1/v2c for third-party management platform access.</p> <p>Support port mirroring for fault locating.</p>
<b>Approval</b>	
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

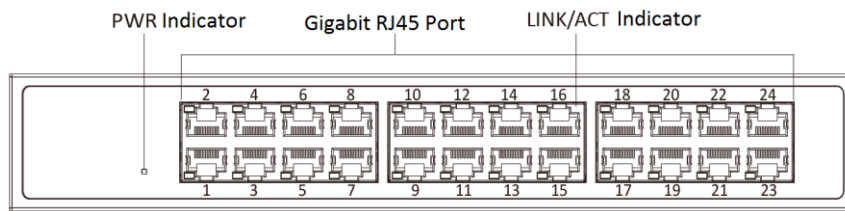
- DS-3E1524-EI
- DS-3E1524-EI V2
- DS-3E1524-EI V3

### ▪ Typical Application

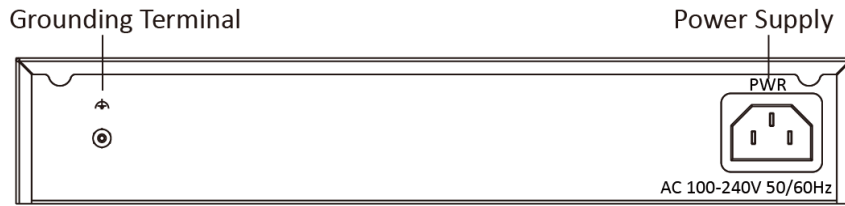


## Physical Interface

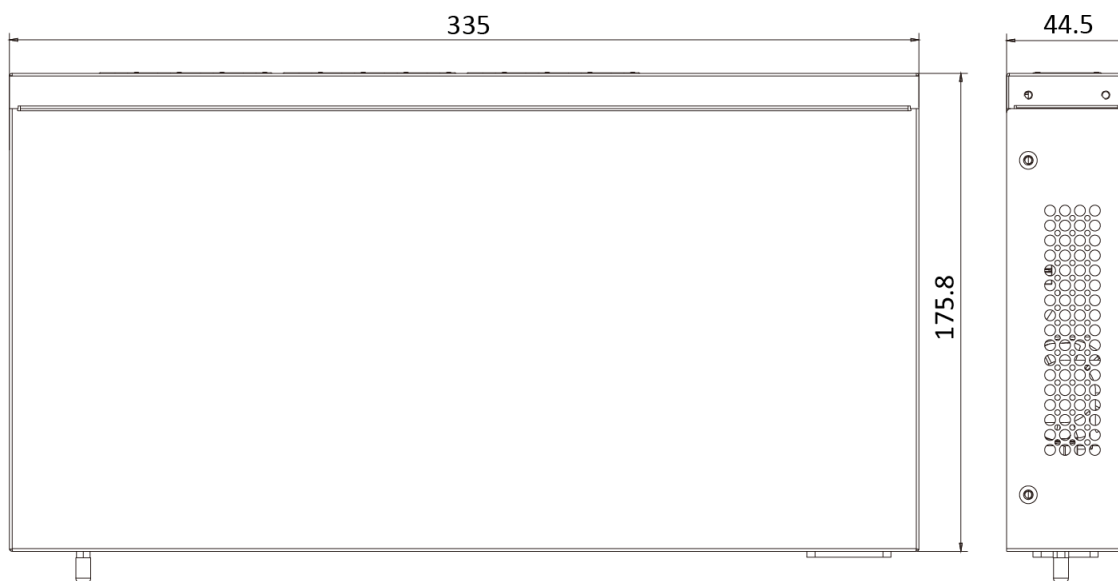
### Front Panel



### Rear Panel



▪ Dimension (Unit: mm)



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