

DS-3E2528P

DS-3E2528P(B) switch is a new generation of intelligent access switch launched by our company for operator local network and enterprise network. Based on the new generation of high-performance hardware and software platform with independent intellectual property rights, DS-3E2528P(B) supports powerful ACL, QinQ, QoS and other functions, and supports three-tier routing. Its simple and rich management mode and flexible installation mode enable the product to meet the access requirements of various complex scenarios.

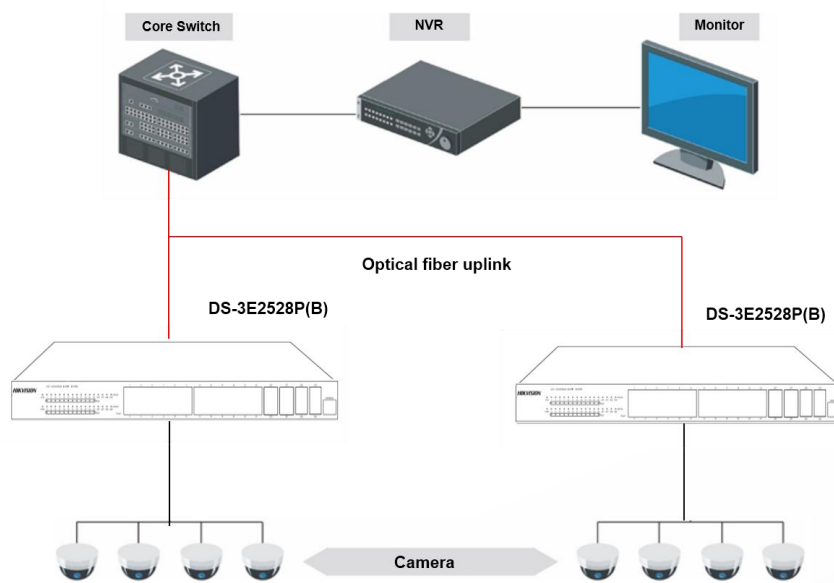
- 24 Gigabit PoE electrical ports and 4 Gigabit combo ports.
- Support static routing, policy routing, rip, OSPF and other three-layer routing protocols.
- IGMP snooping and GRMP for filtering multicast traffic.
- Port-based VLAN, IEEE 802.1Q VLAN, and GVRP to ease network planning.
- Support IEEE 802.1x authentication, radius and bdtacacs + authentication.
- Support EAPs and ERPs Ethernet ring network protection protocol.
- QoS (IEEE 802.1P/1Q and TOS/DiffServ) to increase determinism.
- Support IEEE 802.3af/at compliant PoE.
- Each PoE port provides up to 30W output power.
- PoE management: PoE device detection, PoE power management.
- Easy network management by web browser, Console, Telnet, SSH.
- SNMPv1/v2c/v3 for different levels of network management.

▪ Specification

General	
Net Weight	3.1 kg (6.83 lb)
Dimensions (W × H × D)	440.00 mm × 44.00 mm × 210.00 mm (17.32" × 1.73" × 8.27")
Operating Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Operating Humidity	10% to 90% (no condensation)
Power Supply	100-240 VAC, 50/60 Hz
Power Consumption	17 W
Network Parameters	
MAC Address Table	8 K
Ports	24 × 1 Gigabit PoE port, 4 × 1 Gigabit combo
Switching Capacity	Whole-Device Performance: 336 Gbps Port Performance: 336 Gbps
Packet Forwarding Rate	Whole-Device Performance: 51 Mpps Port Performance: 51 Mpps
PoE Power Supply	
PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Power Pin	1/2 (+), 3/6 (-)
PoE Power Budget	370 W
Software Function	
VLAN	Support IEEE 802.1Q (VLAN), 4096 VLAN IDs Support GVRP Support QinQ Support VLAN based on MAC/protocol/IP subnet/policy/port Support Private VLAN Support 1:1 and N:1 VLAN mapping functions
QoS	Support Diff-Serv QoS Support 802.1p/DSCP priority mapping Support queue scheduling including SP, WRR, WFQ, SP+WRR, SP+WFQ Support priority marking and remarking Support traffic shaping Support congestion avoidance, Tail-Drop and WRED Support 802.1p, TOS, DSCP, and EXP priority mapping Support port/flow-based rate limiting
Management Method	Support Console, Telnet, SSH Support web, http, https Support FTP, TFTP, Xmodem, SFTP Support SNMP V1/V2c/V3 Support RMON Support NTP

Security	<p>Support AAA,TACACS+ Radius authentication</p> <p>Support 802.1X authentication, MAC authentication, MAC bypass authentication</p> <p>Support to prevent DOS, ARP attack function, ICMP anti attack</p> <p>Support binding of IP, MAC, port and VLAN</p> <p>Support MAC authentication</p> <p>Support MAC address filtering</p> <p>Support broadcast/multicast/unknown-unicast storm control</p>
Multicast	<p>Support IGMP v1/v2/v3 Snooping</p> <p>Support IGMP V1/V2/V3</p> <p>Support MLD Snooping v1/v2</p> <p>Support MLD v1/v2</p>
Approval	
EMC	FCC (ANSI C63.4, 47 CFR PART 15B); CE-EMC/RCM (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 24)
Safety	UL (UL 62368-1); CB/RCM (IEC 62368-1:2014); CE-LVD (EN 62368-1:2014+A11:2034)
Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2023)

▪ Typical Application

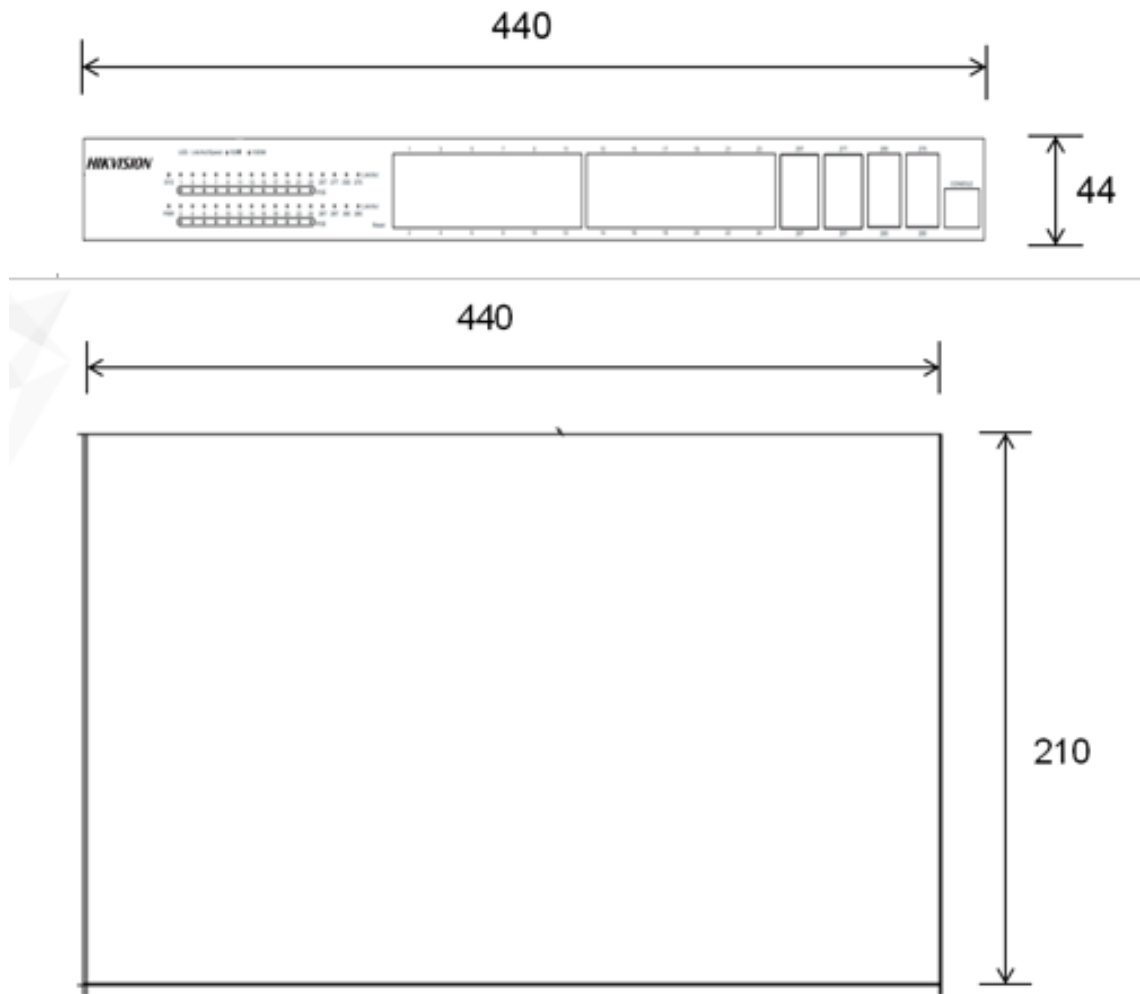


▪ Available Model

DS-3E2528P

DS-3E2528P(B)

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

HK-SFP-1.25G-1310 -DF-MM	HK-SFP-1.25G-20-1 550	HK-SFP-1.25G-20-1 310-DF	HK-SFP-1.25G-20-1 310

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