

DS-3E2528P(B)

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.

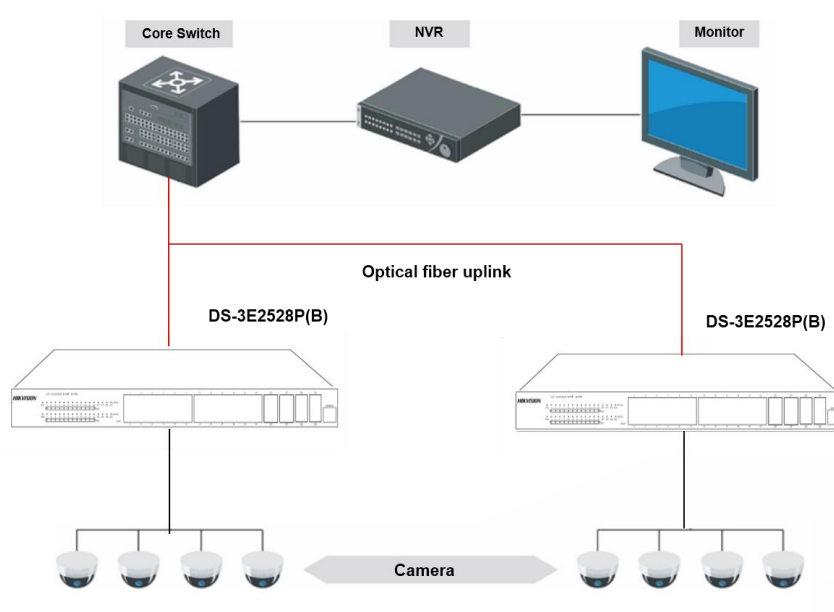
- 24 Gigabit PoE electrical ports and 4 Gigabit combo ports.
- Support static routing, policy routing, rip, OSPF and other three-layer routing protocols.
- IGMP snooping and GRMP for filtering multicast traffic.
- Port-based VLAN, IEEE 802.1Q VLAN, and GVRP to ease network planning.
- Support IEEE 802.1x 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	Support AAA,TACACS+ Radius authentication Support 802.1X authentication, MAC authentication, MAC bypass authentication Support to prevent DOS, ARP attack function, ICMP anti attack Support binding of IP, MAC, port and VLAN Support MAC authentication Support MAC address filtering Support broadcast/multicast/unknown-unicast storm control
Multicast	Support IGMP v1/v2/v3 Snooping Support IGMP V1/V2/V3 Support MLD Snooping v1/v2 Support MLD v1/v2
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)

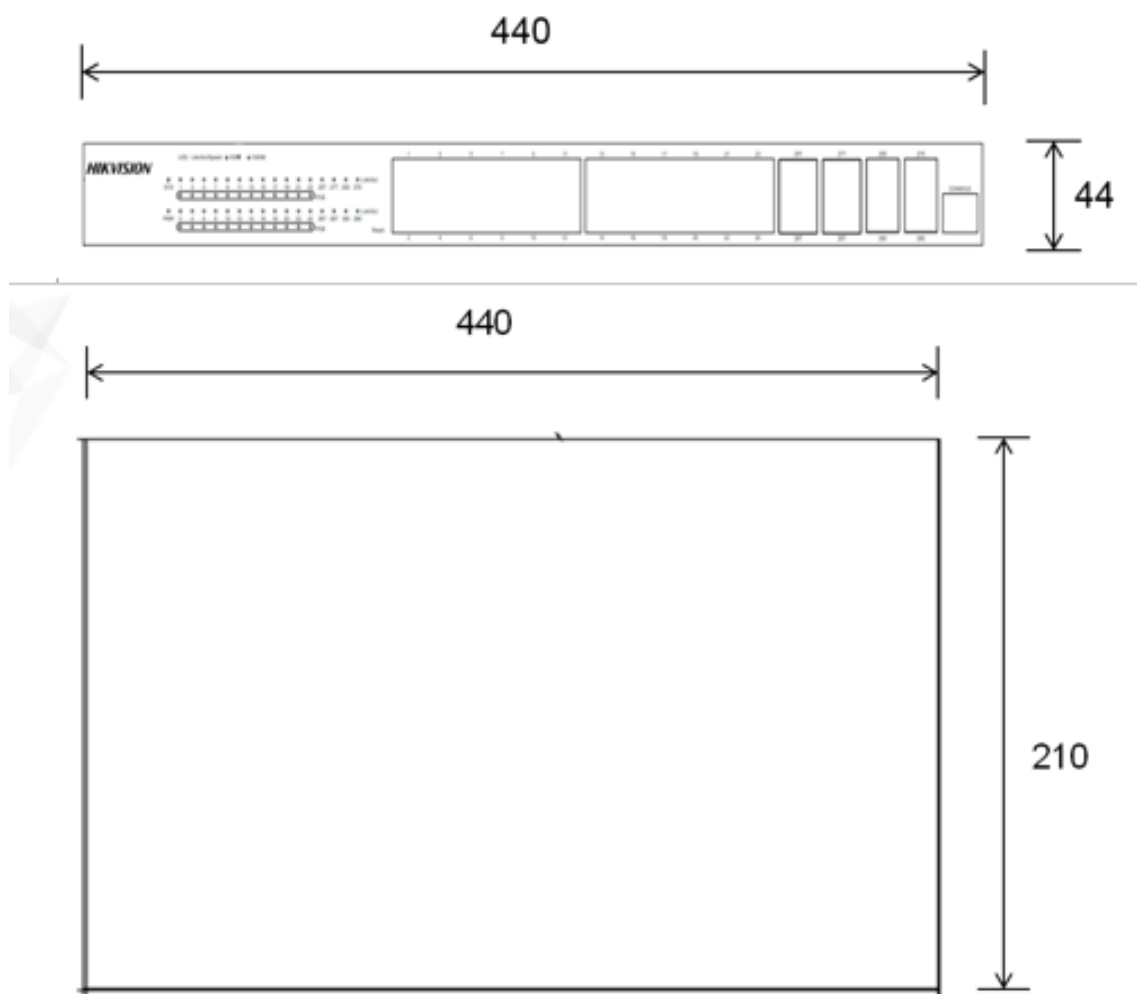
▪ Typical Application



▪ Available Model

DS-3E2528P(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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