

DS-3E2528P(B) Gigabit Ethernet switch

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.



Feature and Function

- 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

Model		DS-3E2528P(B)
Network Parameters	Port Number	24 Gigabit Poe electrical ports and 4 Gigabit combo ports
	Forwarding Mode	Store-and-forward switching
	MAC Address Table	8 K
	Switching Capacity	336 Gbps
	Packet Forwarding Rate	51 Mpps
PoE Power Supply	PoE Standard	IEEE 802.3af, IEEE 802.3at
	PoE Power Pin	Mid-span: 1/2(-), 3/6(+)



	PoE Port	Ports 1 to 24
	Max. Port Power	30 W
	PoE Power Budget	370 W
Software Function	Device Maintenance	Support Console, Telnet, SSH Support web, http,https Support FTP, TFTP, Xmodem, SFTP Support SNMP V1/V2c/V3 Support RMON Support NTP
	Reliability	Support STP/RSTP/MSTP Support EAPS/MEAPS Support MRD-Ring Support ERPS Support VRRP Support BFD for OSPF Support BFD for OSPF
	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
	Port Mirroring	Support local and remote port mirroring Support N:4 port mirroring Support flow mirroring Support MAC mirroring
	Routing	Support Static routing, RIP, OSPF Support IPv4/IPv6 ECMP Support VRRP, VRRP v3 Support IPv4/IPv6 Policy-based routing Support IPv4/IPv6 Routing policy Support IPv4/IPv6 dual stack Support IPv6 static routing, RIPng, OSPFv3
	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
	Multicast	Support IGMP v1/v2/v3 Snooping Support IGMP V1/V2/V3 Support MLD Snooping v1/v2 Support MLD v1/v2
	ACL	Support IP-based ACL/MAC-based ACL Support based on MAC Address, IP Address, Ethertype, Protocol Type, VLAN ID, DSCP, 802.1p Priority Support up to 256 ACLs
	Link Aggregation	Support IEEE 802.3ad LACP/static link aggregation

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>
Shell	Iron shell, Fan cooling design
weight	3.1 kg (6.83 lb)
Dimension (W × H × D)	440 mm × 44 mm × 210 mm
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-40°C to 75°C (-40°F to 167°F)
Operating Humidity	10% to 90% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	AC: 100V–240V, 50/60Hz
Max. Power Consumption	387 W
Power Consumption in Idle	17 W

Physical Interface

Front panel:



Back panel:



Available Model

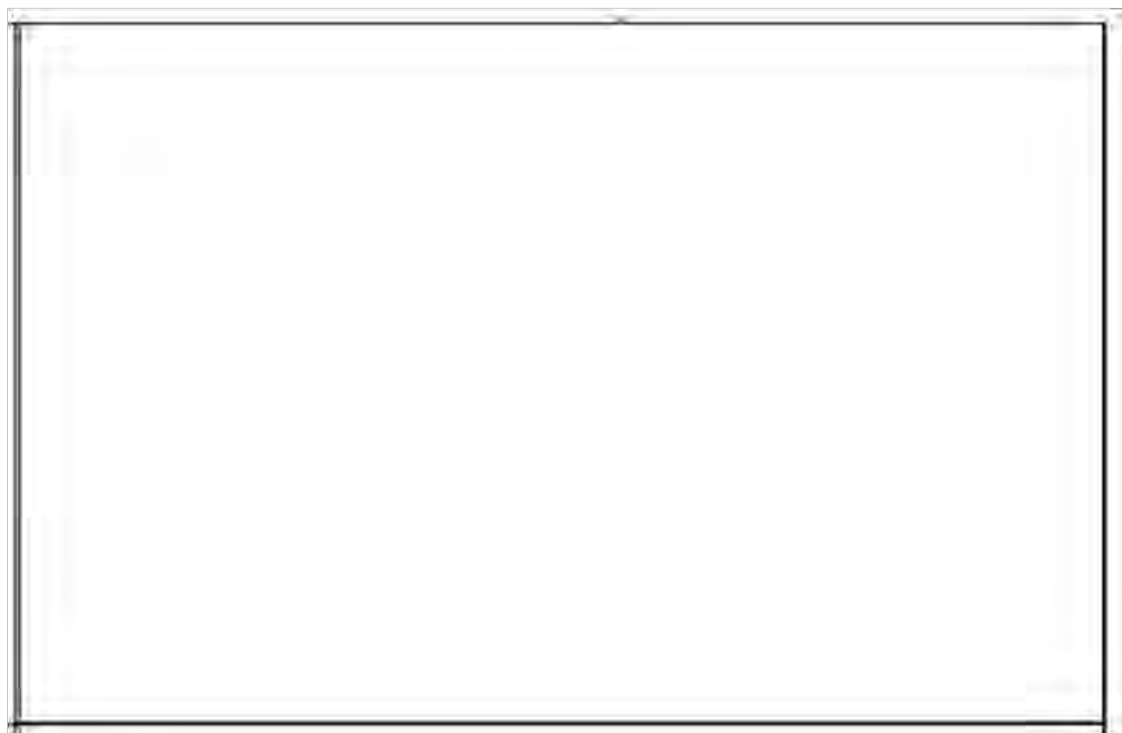
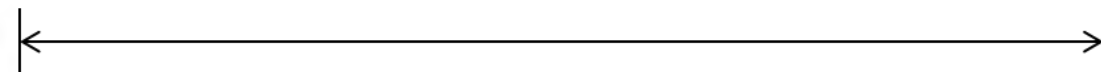
DS-3E2528P(B)

Model	Specifications
DS-3E2528P(B)	24 port Gigabit power + 4 port Gigabit combo, quasi three-layer Ethernet Poe switch (1 console port, 24 Gigabit Poe ports, 4 Gigabit combo ports, standard power supply AC220V, Poe power 370W, fan cooling, 1U height, 19 inch rack installation)

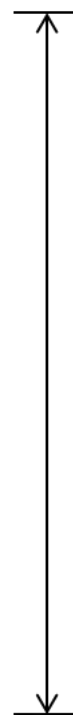
Dimension (Unit: mm)



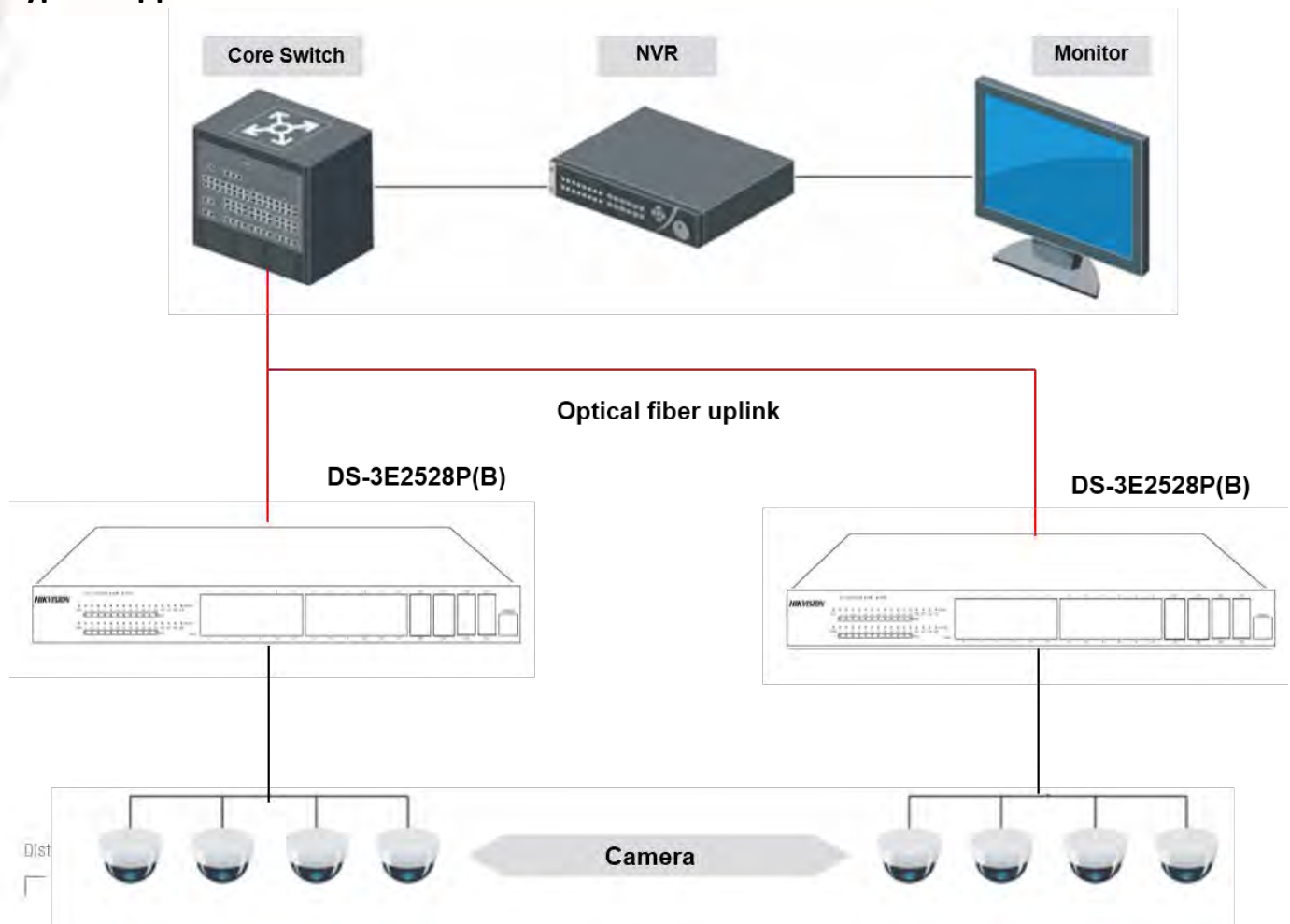
440



210



Typical Application



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