POE SWITCH

Model: NCM-POES-2518

Description

Ethernet POE switch with 16 gigabit TX ports and 2 gigabit SFP ports (1 console port, 16 gigabit POE ports, 2 gigabit SFP ports, standard AC220V power supply, POE power 330W, the cooling fan, 1U, standard 19-inch rack-mounted installation)



POE SWITCH

Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

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Model: NCM-POES-2518

Technical Data

ITEM	NCM-POES-2518
Switching capacity	64Gbps
Forwarding rate	27Mpps
Dimensions mm (W×D×H)	442×315×44
Power consumption	<45W
POE/POE+	Support
POE power	330W

ITEM	NCM-POES-2518
Power supply	AC: 100V-240V, 50Hz±10% DC: -36V~-72V (the POE switch here doesn't support DC power supply)
Environment	Operating temperature/humidity: 0℃-50℃, 10%-90% non-condensation Storage temperature/ humidity: -20℃-70℃; 5%-95% non-condensation
MAC switching function	Static configuration and dynamically learning of MAC address Check and delete MAC address Configuring of MAC address aging time Limit on MAC address learning number MAC address filtering function
VLAN	4K VLAN entries GVRP 1:1 and N:1 VLAN Mapping QinQ Private VLAN
STP	802.1D (STP), 802.1W (RSTP), 802.1S (MSTP) BPDU protection, root protection and ring protection
Multicast	IGMP v1/v2/v3 IGMP Snooping IGMP Fast Leave Multicast group policy and multicast number limit Multicast traffic cross VLAN duplication

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IPv4	Static routing, RIP v1/v2, OSPF and BGP only limit to S2528C, S2528GX and S2528P
IPv6	ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet IPv6 Neighbor Discovery MLD v1/v2 MLD Snooping
QoS	Traffic classification of each field of L2/L3/L4 protocol headers CAR traffic control 802.1P/DSCP priority remark Multiple queuing algorithms such as SP, WRR or SP+WRR Tail-Drop, WRED Traffic supervision and traffic shaping
Security features	Identification and filtering of L2/L3/L4 based ACL Defend against DOS or TCP attacks Suppression of broadcast, multicast and unknown unicast packet Port isolation Port security, IP+MAC+port binding DHCP Snooping, DHCP Option 82 IEEE 802.1x certification Radius and BDTacacs+ Command line authority control based on user levels
Reliability	Static/LACP link aggregation EAPS and ERPS ISSU
Management and Maintenance	Console, Telnet, SSH 2.0 WEB based management style SNMP v1/v2/v3 Upload and download of TFTP files RMON

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