ETHERNET SWITCH

Model: NCM-ETHS-3740

Description

Ethernet routing switch with 24 Gigabit SFP ports+8 Gigabit TX ports+8 10G SFP ports (1 Mini USB Console port, 24 100/1000M auto-adaptation SFP ports, 8 Gigabit TX ports, 8 10G/GE auto-adaptation SFP+ ports; AC 220V power; the cooling fan, 1U, standard 19-inch rack-mounted installation)



ETHERNET 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-ETHS-3740

Technical Data

ITEM	NCM-ETHS-3740
Switching capacity	256Gbps
Forwarding rate	168Mpps
Flash	16 MB
MAC Table	32K/64K
Ports	24 Gigabit SFP ports+8 Gigabit TX ports+8 10G SFP ports
Dimensions mm (W×D×H)	442.50×350×44
Power consumption	<65W

ITEM	NCM-ETHS-3740
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 dynamic MAC learning MAC browsing and removal Configurable aging time of the MAC address Limited number of learnable MAC addresses MAC filtration Black-hole MAC list
VLAN	4K VLAN entries GVRP 1:1 and N:1 VLAN Mapping QinQ and flexible QinQ Private VLAN
STP	802.1D (STP), 802.1W (RSTP), 802.1S (MSTP) BPDU protection, root protection and ring protection
IPv4	Static routing, RIP v1/v2, OSPF, BGP Policy based routing Load balance by equivalent routing BFD for OSPF, BGP

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IPv6	ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet IPv6 neighbor discovery Path MTU discovery MLD V1/V2 IGMP snooping IPv6 Static Routing, RIPng, OSPFv3, BGP4+ Manual tunnel, ISATAP tunnel, 6to4 tunnel
MCE	MCE
MPLS VPN	LDP protocol P/PE of MPLS VPN MPLS OAM
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 DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc. Broadcast/multicast/unknown unicast storm-control Port isolation Port security, IP+MAC+port binding DHCP Snooping, DHCP Option 82 IEEE 802.1x authentication Radius and BDTacacs+ authentication URPF Level-based command line protection
Reliability	1+1 power backup Static/LACP link aggregation EAPS VRRP GR for OSPF, BGP and BFD for OSPF, BGP ISSU uninterrupted system upgrade
Management and Maintenance	Console, Telnet, SSH 2.0 WEB based management style SNMP v1/v2/v3 Upload and download of TFTP files RMON and sFLOW
Energy saving	IEEE 802.3az

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