●Model: HOP3440S1228-4TP
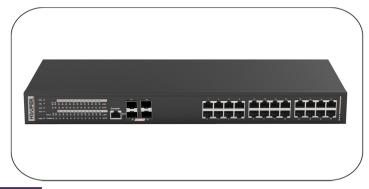

OverView:

24G+4*10G PoE Switch

L3 Managed PoE Switch is a multi-port, high-standard Managed PoE Ethernet Switch independently developed by Houper for ethernet network. This product adopts industry-leading technical standards and can provide stable and reliable Ethernet transmission with high-quality design and reliability. They are designed in rack-mount aluminium housing and have 24 Gigabit Ethernet ports in total (depending on the model). Plus an additional 4*10Gigabit Ethernet Ports supports Layer 3 routing functionality to facilitate the deployment of applications across networks. As a result, it can supply power to PD terminal equipment like wireless AP, webcam, VoIP, and IoT Devices intercom through network cable and meet the infrastructure requirements of a high-density PoE/PoE+ supply.

Physical Characteristics:

Housing:
●Metal
IP Rating:
●IP30
Dimensions:
●440mm*300mm*45mm
Installation Mode:
●1RU Chassis Rack-Mount Installation
Weight:
●4000g

Ethernet Interface:

Model:
●HOP3440S1228-4TP
Ports:
●4×10Gigabit SFP plus
●24×10/100/1000M Base-TX RJ45
Port Mode(Tx)
●Auto-Negotiation
●Full/Half Duplex Mode
●Auto MDI/MDI-X Connection
Standards IEEE 802.3 for 10BaseT
●IEEE 802.3u for 100BaseT(X) and 100BaseFX
●IEEE 802.3ab for 1000BaseT(X)
●IEEE 802.3z for 1000BaseSX/LX/LHX/ZX
●IEEE 802.3ae for 10 Gigabit Ethernet
●IEEE 802.3x for flow control
●IEEE 802.1D-2004 for Spanning Tree Protocol
●IEEE 802.1w for Rapid Spanning Tree Protocol
●IEEE 802.1s for Multiple Spanning Tree Protocol
●IEEE 802.1p for Class of Service
●IEEE 802.1Q for VLAN Tagging
●IEEE 802.1X for authentication
●IEEE 802.3ad for Port Trunk with LACP
Packet Buffer Size: 12Mbits
Maximum Packet Length: Up to 10K
MAC Address Table: 16K
Transmission Mode: Store and Forward (full/half duplex mode)
Exchange Property:
●Delay time: < 7μs
●Backplane bandwidth: 128Gbps
IGMP Group: 4096
Max. No. of VLAN: 256
VLAN ID Range: VID 1 to 4094

●Model: HOP3440S1224-4TP

PoE & Power Supply:

PoE Ports:
●Port 1-24
Power Supply Pin:
●Default: 1/2(+), 3/6(-)
Max Power Per Port:
●IEEE802.3 af/at 30W
Total PWR:
●480W
●(Model dependent)
Power Consumption:
●24 Watts Max(without PoE load)
Power Inputs:
●1
Power Supply:
●Internal power adapter with AC100 ~ 240V 50-60Hz input
Connector:
●AC: 3 Pin AC Socket
Protection:
●Overload Current Protection, Reverse Polarity Protection

Environmental:

Operating Temperature:
●0℃~50℃ (32to 122 ℉)
Operating Humidity:
●5%~90% (non-condensing)
Storage Temperature:
●-20℃~70℃ (-4 to 158℉)
MTBF:
●100,819 Hours
MTBF Standard:
●Telcordia SR-332 GB 25℃
Cooling:
●Passive
Noise Level:
●0 dBA

Software Features:

Management Interface:
●CLI(Console/Telnet(RFC854)), WebUI(HTTPS), SNMPv3
Management:
●ARP, Flow Control, DDM, DHCP Server/Client, IPv4/IPv6, LLDP, LLDP-MED, UDLD, Port Mirror, RMON, SNMPv1/v2c/v3, Syslog, Telnet,
File Management:
●Firmware Upgrade/Backup, Dual Images, Configuration Download/Backup, Multiple Configuration, TFTP(RFC783), HTTP, UART
Management Access:
●Management VLAN, Management ACL(256)
Filter:
●802.1Q, GMRP, GVRP, IGMP Snooping v1/v2/v3, IGMP Querier V2/V3 QinQ VLAN
Redundant Network:
●Link Aggregation, STP/RSTP/MSTP/ERPSv2, Auto Edge Port, BPDU Filtering, Self Loop Detection
VLAN:
●Support IEEE 802.1Q 4K VLAN, QINQ, Double VLAN, Voice LAN, Surveillance VLAN(Auto/Manual), Multicast VLAN Registration(MVR)
Time Management:
●Local, SNTP, NTP
Unicast Routing:
●OSPFv2, RIPv1/v2, Static Route
QOS:
●Support Queue Scheduling(WRR, WFQ, Strict Priority , Hybrid(WRR+SP or WFQ+SP); Priority Queue(8 queues/port); Class of Service(Port-based, 802.1p, IP TOS Precedence, IP DSCP), Trusted QoS, Rate Limitation
ACL Type:
●L2/L3/L4, MAC-based, IPv4-based, IPv6-based
Diagnostic Maintenance:
●Support port mirroring, Syslog, Ping
POE Management:
●PoE working status Scheduling of PoE operation
Security:
●Broadcast Storm Control, HTTPS/SSLv2v3,TLSv1 RADIUS, TACACS+,AAA SSHv1/v2,Support DHCP Snooping, Option 43/82, 802.1X security access, Support user hierarchical management, ACL access control list, Support DOS, port-based MAC filtering/binding, MAC whitelist
MIB:
●Ethernet-like MIB, MIB-II, MIB-I, Bridge MIB, Bridge MIB extensions, RMON MIB(1,2,3 & 9 groups, RFC2737 Entity, RFC2863 Interface Group, SNMP-Community-MIB