

# hugoTECHNO

24 Port Gigabit Managed switch with SFP Port



Specifications:

Model	HTS-NSP24-S2UM
Network Port	24×10/100/1000Mbps RJ45 PoE Port, 4×10/100/1000 Mbps RJ45 Port, 4×10/100/1000Mbps SFP Port 1xConsole RJ45 Port
Network Protocol Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.at, CSMA/CD, TCP/IP
DDR Capacity	16MB
Flash Capacity	128MB
Transmission Rate	29.7Mbps
Output Power	30Watt
PoE Power Budget	400 Watt
Power Consumption	21.7W (without power device) 229.7W (with192W power device connected)
PoE Mode	End-span
FAN	2 Fan
VLAN	Supported
Stacking Bandwidth	56Gbps
Forwarding Rate	10Base-T: 14880PPS 100Base-T: 148800pps/port
MAC Address	MAC address table 8K
Queue Buffering	4MB
MAC Address Management	Static MAC adding, deleting Limit on number of MAC Address Learning Support dynamic aging time setting
Loop Detection	Supported
PoE	Support PoE Setting/PoE Timer Setting
Storm Control	Broadcast message rate limit Multicast packet rate limit Unknown unicast speed limit
Environment / Humidity	Based on Port VLAN, ACCESS VLAN, TRUNK VLAN, HYBRID VLAN 802.1Q Marked VLAN Max Support 4094 *VLAN
Multicast Control	Support static adding, deleting; Support IGMP-Snooping Support MLD-Snooping; Support v1/2/3 dynamic multicast checking
Port Aggregation	Support static manually aggregation Support LACP dynamic aggregation



info@hugotechno.com  
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<b>Access Control</b>	Source-based MAC, Purpose MAC, Source MAC, MAC, MAC Protocol, Source IP access setting based TCP, IP, UDP, IGMP source IP, destination IP, source IP and destination IP access setting
<b>Safety Features</b>	VLAN Internal port isolation Port +MAC+IP Bind
<b>Mirroring Port</b>	By Mirroring port transmission, receiving and sending data
<b>Internet Management</b>	Telnet, CLI, WEB
<b>Port Speed Limit</b>	Inbound and outbound port speed limit
<b>DHCP SNOOPING</b>	Prevent illegal DHCP Server
<b>Loop Detection</b>	Detecting Ethernet Loop
<b>ARP Offensive</b>	Prevent ARP request spoofing Prevent ARP answer spoofing
<b>Forwarding Mode</b>	Store and Forward
<b>Port Function</b>	Power, SYS, Link/Act:10/100/1000Mbps,POE
<b>Frame</b>	Port Max Forwarding 10240PPS
<b>SSH</b>	Support SSHv1/2 remote administration
<b>SNMP</b>	Support v1/2/3 Support trap: Cold Start, Warm Start, LinkDown, LinkUp
<b>RMON</b>	Support RMONv1
<b>Equipment Management</b>	Console Mode Telnet Mode CLI Interface WEB Interface Support Ping Examine CPU, Memory Usage One-click fault Collection
<b>Port Isolation</b>	Support isolation Setting
<b>VLAN</b>	Access/Trunk/Hybrid Support VLAN Dividing based on Port, Portocol, MAC, with QINQ Support GVRP dynamic VLAN registration Voice VLAN (Support Needed)
<b>Spanning Tree</b>	Support 802.1d (STP); Support 802.1w (RSTP) Support 802.1s (MSTP)
<b>DDM</b>	Support SFP/SFP+DDM
<b>QOS</b>	Based on 802.1p (COS) sort; Based on DSCP sort; Based on source IP, destination IP; Support SP, WRR scheduling policy; Support rate limiting CAR
<b>Power Input</b>	Single, AC 100~240V, 50/60 Hz
<b>Environment</b>	Operating temperature: 10°C- 50°C, Storage temperature: -40°C- 70°C, Operating Humidity 10%-90%, Non condensing Storage, Humidity 5%-90% non-condensing
<b>LLDP</b>	Support LLDP link Detect Protocol
<b>Attack Prevention</b>	DOS Defense, Support the protection of CPU, Limit rates of checking the CPU and memory utilization, ARP binding (IP, MAC, PORT binding)
<b>CLI</b>	Support CLI administration
<b>LED Indicator</b>	Each port has one LINK/ACT PoE Status indicator, whole power indicator
<b>Weight</b>	4.2kg
<b>Dimension</b>	440mm x 284mm x 44mm



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