

Gigabit Switch 24 Port

Model : HT-GS-24



Specification

Security	<p>DoS Defend Port Security IP-MAC-Port Binding AAA 802.1x and Radius Authentication Dynamic ARP Inspection (DAI) SSH v1/v2 SSL v3/TLSv1 Broadcast/Multicast/Unknown-unicast Storm Control</p>
IP v6	<p>Path maximum transmission unit (MTU) discovery TCPv6/UDPv6 DHCPv6 Snooping Dual IPv4/IPv6 stack Multicast Listener Discovery (MLD) Snooping IPv6 neighbor discovery (ND) Internet Control Message Protocol (ICMP) version 6 IPv6 ACL IPv6 Interface</p>
IPv6 Applications	<p>Ping6 IPv6 Interface IPv6 Routing DHCPv6 Relay DHCPv6 Snooping DHCPv6 Client Tracert6 Telnet(v6) IPv6 SNMP IPv6 SSH IPv6 SSL Http/Https IPv6 TFTP IPv6 ACL</p>
Management	<p>Web-based GUI and CLI management SNMP v1/v2c/v3, compatible with public MIBs and private MIBs RMON (1, 2, 3, 9 groups) DHCP/BOOTP Client, DHCP Snooping, DHCP Option82 Port Mirroring Time Setting: SNTP sFlow PPPoE Circuit ID Dual Image CPU Monitoring Integrated NDP/NTDP feature SYSLOG & Public MIBS Password Recovery Firmware Upgrade: TFTP & Web System Diagnose: VCT</p>
Standards and Protocols	<p>IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p, IEEE 802.3i</p>
Interface	<p>24 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 1000Mbps SFP Slots 1 Micro-USB Console Port 1 Console Port</p>
Network Media	<p>10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)</p>

	100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m) 1000BASE-X: MMF, SMF
Fan Quantity	2 nos.
Power Supply	100~240VAC, 50/60Hz
Power Consumption	Maximum (PoE on): 468.7W (110V/50Hz)
PoE+ Ports(RJ45)	Standard: 802.3at/af compliant PoE+ Ports: 24 Ports Power Supply: 384W
Installable SFP+ Transceivers and Direct Attach Copper DAC Cables	Available
Max Number of Stacking Ports Installable	Minimum 4 SFP+
Quality of Service	Support 802.1p CoS/DSCP priority Port/Flow- based Rate Limiting Voice VLAN Support 8 priority queues Queue scheduling: SP, WRR, SP+WRR
L2 and L2+ Features	Static, Routing DHCP Relay DHCP Server Loopback detection 802.3x Flow Control BPDU Filtering/Guard IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 14 aggregation groups, containing 8 ports per group) STP/RSTP/MSTP TC/Root Protect L2PT
VLAN	up to 4K VLANs simultaneously (out of 4K VLAN IDs) 802.1Q/MAC/Protocol-based/Private VLAN GARP/GVRP
Access Control List	L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p,DSCP, protocol and VLAN ID Time Range Based
Units Per Stack	Up to 6 units
Bandwidth/Backplane	12.8Gbps
Stacking Speed (Per Port)	20Gbps (Full-Duplex)
Switching Capacity	support 56Gbps
Packet Forwarding Rate	41.7Mpps
MAC Address Table	Upto 16K
Packet Buffer Memory	Upto 1.5MB
Jumbo Frame	9216 Bytes