

netis®

Easy Network, Trustable

8GE+2 SFP-Port Gigabit Ethernet SNMP Switch

ST3310GF



Features:

- > 8* 10/100/1000 Mbps Ethernet ports, 2*10/100/1000 Mbps SFP Ports
- > 20 Gbps switching fabric capacity
- > Supports broadcast storm control
- > Supports multiple VLANs
- > Supports Spanning Tree Protocol
- > Supports Link Aggregation(IEEE 802.3ad) for 8 groups of link aggregators with up to 8 ports per-group
- > Port isolation function to enhance port security
- > Supports IGMP snooping v1 and v2 and v3
- > Supports Multicast VLAN Registration
- > Supports powerful security functions like ACL, dynamic ARP inspection and more
- > Supports SNMP v1, v2c, and v3 switch management
- > Supports SSH v1/v2 switch management

What it does:

The 8GE+2 SFP-Port Gigabit Ethernet SNMP Switch ST3310GF is ideal for medium to large Internet bar or enterprise, and it fully complies with IEEE802.3/802.3u/802.3ab/802.3z Ethernet standards. It provides 8*10/100/1000Mbps RJ45 ports and 2 Gigabit SFP Ports . It also provides powerful management functions, including 802.1p (QoS), DiffServ(QoS), IGMP Snooping, 802.1w (Rapid Spanning Tree), Link Aggregation, 802.1q (VLANs), 802.1x and more. It's a perfect way to extend your network structure.

Specification:

Hardware

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|-------------------------|--|
| Interface | 8 * 10/100/1000Mbps RJ45 ports(Auto Negotiation/Auto MDI/MDIX) 2 Gigabit SFP Slots |
| LED | PWR, SYS, LINK/ACT, Speed |
| Power Supply | 100-240 V AC/50-60Hz |
| Cabling Type | 10BASE-T:UTP Cat.3 or up 100 BASE-TX:UTP Cat.5 or up Single-mode or Multi-mode fiber (with SFP connect) for fiber port |
| Dimensions (L x W x H) | 280x173x 44 mm |

Switching Features

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|------------------------------|---|--|
| Standards | IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x, IEEE 802.3ad, IEEE 802.3z IEEE 802.1p, IEEE 802.1q, IEEE 802.1d, IEEE 802.1w, IEEE 802.1s | |
| Switching Fabric Capacity | 20 Gbps | |
| MAC Address Table | 8K, auto-learning & auto-aging | |
| Transmission Method | Store and Forward | |
| Packet Buffer Memory | 4.1 Mbits | |
| Link Aggregation | Cisco ether-Channel (Static Trunk) IEEE 802.3ad LACP (Link Aggregation Control Protocol) Up to 8 Trunk groups Up to 8 ports per trunk group | |
| Spanning Tree Protocol (STP) | STP, IEEE 802.1D (Classic Spanning Tree Protocol) RSTP, IEEE 802.1w (Rapid Spanning Tree Protocol) MSTP, IEEE 802.1s (Multiple Spanning Tree Protocol, spanning tree by VLAN) Loopback detection | |
| Multicast | IGMP Snooping V1/V2/V3 | Multicast VLAN Registration (MVR) |
| VLAN | IEEE 802.1Q Tag-based VLAN Q-in-Q tunneling | Up to 4K VLANs groups, out of 4094 VLAN IDs GVRP protocol for VLAN Management |
| Flow Control | IEEE 802.3x PAUSE frame Flow Control, Full-Duplex mode Back-Pressure Flow Control, Half-Duplex mode | |
| Quality of Service (QoS) | 8 priority queues Strict priority(SP), Weighted Round Robin(WRR), SP+WRR CoS policies Traffic-policing policies | |
| DHCP | DHCP Snooping | DHCP Relay DHCP option 82 |
| Security | IEEE 802.1x Port-Based / MAC-Based Authentication RADIUS / TACACS+ users access authentication Access Control List(ACL) Dynamic ARP inspection MAC Binding Broadcast Storm Control | |
| Management | Console / Telnet Command Line Interface Web SNMP v1/v2c/v3, SSH v1/v2 | |
| Others | Port mirroring Flow mirroring LLDP(Link Layer Discovery Protocol) DLDP (Device Link Detection Protocol) Egress and Ingress Bandwidth Control | |

Others

| | | |
|---------------|---|--|
| Certification | FCC Part 15 Class B, CE | |
| Environment | Operating Temperature: 0°C~50°C Operating Humidity: 10%~90% non-condensing | Storage Temperature: -40°C~70°C Storage Humidity: 5%~90% non-condensing |
| Package | 1 *ST3310GF 1 * Power Cord 1 * RS232 Console Cable 2 * Rackmount Brackets and the Fittings 1 * Quick Installation Guide | |