

# G3224T

## 10/100/1000 Smart Switch

### Overview

G3224T is GE layer 2 and non-blocked switch, designed for building high-performance GE networking. Provide 24 10/100/1000Mbps autosensing RJ45 ports and 2 GE fiber ports. Provide comprehensive security defense system, QoS and VLAN, hardware for layer 2 wire-speed switching. With powerful security capacity and rich features, the device can meet various application needs for large-sized businesses, bars, parks and data center.

#### L2 Features

- Forwarding rate up to 1.488Mpps
- Support 8K MAC address list
- Support jumbo frame forwarding
- Support formation of broadcast storm
- Support QoS and DSCP, Cos (802.1P) priority
- Support 802.1Q VLAN and maximum groups of QVLAN up to 200
- Support IGMP snooping function
- Support 802.1x authentication based on port
- Support STP, RSTP
- Support 802.3x flow control
- Support IGMP Snooping V1&V2
- Support Link Aggregation and LACP.
- Support 6 Trunk groups and 8 aggregate ports per group
- Support defending from ARP attacks/worm-virus attacks/Dos attacks/MAC-address attacks
- Support quaternary-smart-binding, searching mainframe for smart binding.
- Support smart web configuration
- Support firmware upgrading ways of TFTP in CLI and HTTP in Web.

### Main Features

- Built-in switching power adapter and designed with 1U steel case,
- 19-inch-rack-construction Switching bandwidth up to 56Gbps and each port forwarding rate up to 1488095pps
- Support 8K MAC address list
- Support jumbo frame forwarding
- Support formation of broadcast storm
- Support QoS and DSCP, Cos (802.1P) priority, each port provides 4 priorities for forwarding queue
- Support 802.1Q VLAN and maximum groups of QVLAN up to 200
- Support IGMP snooping function
- Support 802.1x authentication based on port
- Support Telnet, CLI, Web and SNMP, system log, TFTP&HTTP for upgrading firmware
- Support STP, RSTP, IGMP Snooping V1&V2, full-duplex 802.3x flow control and half-duplex backpressure flow control
- Support spanning tree protocol (STP), including 802.1d (Spanning Tree) and 802.1w (Rapid Spanning Tree) protocol
- Support Link Aggregation, including static Link Aggregation and LACP. Support 6 Trunk groups and 8 aggregate ports per group
- Support defending from ARP attacks, worm-virus attacks, Dos attacks, MAC-address attacks
- Support quaternary-smart-binding, searching mainframe for smart binding.
- Support smart configuration for network bar and enterprise.
- Support firmware upgrading ways of TFTP in CLI and HTTP in Web.



## Specification

Model No.	G3224T
Description	10/100/1000 Smart Switch
Login IP address	192.168.0.1
User name\Password	For administrator: admin\admin For user: user\user
Backplane bandwidth	56Gbps
Forwarding mode and capacity	Linear-speed forwarding up to 48Gbit/s
MAC Address entries	8K
Dimension(LXWXH)	440*284*44mm
3C	Yes
Relative Humidity(Operational)	10%~90% RH (noncondensing)
Relative Humidity(Storage)	5%~95% RH (noncondensing)
Operating Temperature	0°C ~45°C
Storage Temperature	-40°C ~70°C
Power Supply	AC 100~240V 1.2A(Max) 50~60Hz
Power consumption	<25W
Port & Module	24 GE Port and 2 SFP(combo)
Indicators	POWER; SYS; LINK/ACT; SPEED; SPF
Connector and cabling	UTP CAT5,5E and 6 1000Base-SX: MMF(Multimode fiber), 1000Base-LX: SMF (Single-mode fiber)

## Related Products

M300 / SE3100 / G1024G / F1226P



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