ISG3200-28TS

Industrial Ethernet Switch

Introduction

The ISG3200-28TS is a 28-port Industrial managed Ethernet switch that comes with 24*1G ports and 4*1G SFP ports. With wide operating temperature ranging from -40 to 75°C, IP40 rated housing, and 12~48VDC redundant dual power or 100~240VAC input, it is able to work in variable industrial environments. This switch is also featured with redundant Ethernet Technologies such as EAPS, ERPS, RSTP/STP and MSTP to increase the reliability of system and improve the availability of network backbone.

Features

• 24*10/100/1000BaseT(X), 4*1G SFP

• 12~48VDC redundant dual power inputs or 100~240VAC power inputs

• -40 to 75 °C operating temperature range

• Supports TACACS+, SNMPv3, IEEE 802.1X, HTTPS, and SSHv2

• Supports EAPS, ERPSv2, STP/RSTP and MSTP

Specifications

PORT	10/100/1000BaseT(X) Ports	24
	1G SFP Ports	4
	Console RJ45 Ports	1
Performance	flash memory	32MB
	DDRIII capacity	256MB
	MAC address table size	8K
	ARP table size	1K
	Jumbo frames	10KB
	Switching capacity	56Gbps
	Auto-negotiation	Supported
	Auto-MDI/MDIX	Supported
Power supply	Input range	12~48VDC, redundant dual power inputs or 100~240VAC power inputs
	Connection	1 removable 6-contact terminal block(s)
	Overload Current Protection	Supported
	Reverse Polarity Protection	Supported
LED	Port LED	Green: link/active
Mechanical	Dimension (W x D x H) mm	442*220*43.6
	Installation	Rackmount
	IP Rating	IP40
Environment	Operating Temperature	-40 to 75°C (-40 to 167°F)
	Storage Temperature	-40 to 85°C (-40 to 185°F)
	Ambient Relative Humidity	5 to 95% (non-condensing)
Standards and Certifications	EMC	EN 55032/24
	EMI	CE, CISPR 32, FCC Part 15B Class A
	EMS	IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF
	Freefall	IEC 60068-2-31
	Safety	EN 60950-1, EN 60950-1 (LVD)
	Shock	IEC 60068-2-27
	Vibration	IEC 60068-2-6

L2 Features	VLAN	IEEE 802.1Q VLAN, Port-based VLAN, QINQ
	PORT	Port Statistics, Flow control, Rate limit, Port Mirror, MAC address limit;
	Link aggregation	Static link aggregation IEEE 802.3ad with LACP; src-mac, dst-mac, src-dst-mac,src-ip, dst-ip, src-dst-ip;
	Redundancy Protocols	EAPS ERPSv2 STP/RSTP and MSTP
	ACL	L3/L4, Statistics, VLAN ACL, IPv4/IPv6 ACL
	QOS	SP, WRR, WFQ; 8 queues/port of Priority Queues
	IGMP	IGMP v1v2v3, IGMP Snooping
	Storm Control	Broadcast/Multicast/ Unknown Unicast Storm Control
	DHCP	DHCP server, DHCP Snooping, DHCP client,
	Security	RADIUS / TACACS+ IEEE 802.1X Port authentication MAC Authentication bypass Ip source-guard
	IPv6	Neighbor Discovery, IPv6 static route
	Management	CLI via console port or Telnet Web management SNMPv3 FTP/SFTP/TFTP client RMON, GMRP, NDP, NTDP, SNTP, LLDP ping Traceroute syslog
Warranty	Warranty Period	5 years

Order Information

Model	Description
ISG3200-28TS	24-port RJ45 + 4-port SFP Full Gigabit Ethernet Switch