

IMS5328-16T8C4S

Industrial Managed 10G Switch

L3 managed, 16*10/1001000Base-T+8*1G Combo+4*10G/1G SFP



Overview

IMS5328 series is 28-port L3 Industrial managed switch that adopts the store-forward architecture, fan-less and energy-saving design, with redundant, isolated power supplies AC85-265VAC or single AC/DC power optional and can be mounted in 19-inch rack, supports ERPs ring network, to build high availability, safe and reliable Industrial access/ring/convergence network. It can be widely used in smart city, smart transportation and smart pipe gallery, Intelligent industry, and other industrial scenarios with Ethernet access.

IMS5328-16T8C4S managed industrial switch provides 16*10/1001000Base-T + 8*Gigabit Combo + 4*10G/1G SFP

Features

- STP, RSTP, MSTP, ITU-T G.8032 Ring Protection Switching (ERPS)
- Support QoS/802.1x authentication/Static routing
- Non blocking high speed forwarding.
- It provides 4*10G/1G SFP+ interfaces to form a ring network
- Web/CLI/Telnet/SNMP Management
- 4KV surge protection for UTP
- Supports 8~15KV ESD protection
- Redundant AC or single AC/DC optional
- IP40 metal case protection
- -40°C~85°C operating temperature
- 1U 19" Rack-mounted

Technical Specifications

Standards	IEEE802.3 10BASE-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3ae 10 Gigabit Ethernet, IEEE802.1Q VLAN, IEEE802.3x Flow control and back pressure, IEEE802.1d STP, IEEE802.1w RSTP, IEEE802.1s MSTP, IEEE802.3ad Link Aggregation, ITU-T G.8032
Switching Capacity	128Gbps/non-blocking
Packet forwarding rate	95.2Mpps
MAC Address Table	16K
Packet Buffer Space	12M
Copper	16*10/100/1000Base-T, RJ45
Combo	8*Gigabit RJ45/SFP Slot
Fiber	4*10GBase-X SFP Slot
Console	RS232 (RJ45)
Key Switch	Reset
Power	Redundant power inputs AC: 85V-260V; DC: 100V-380V Power consumption: ≤27W Connector: Terminal Block
LED Indicators	PWR, RUN, Link/Act, Speed, Fiber Link
Operating Temperature	-40 °C ~ +85 °C
Relative Humidity	5-95% (no condensation)
Housing	IP40 Protection, Aluminum Alloy, fan-less
Mounting	1U 19" Rack Mounted
Dimensions	440x270x43.6mm
Weight	4.5KG

Software Feature

L2 Features	Port Features	IEEE 802.3x flow control
		Interface counters
		Storm control
	Link Aggregation	Static aggregation
		Dynamic aggregation, LACP
	Mirror	Port-based mirror
	Spanning Tree	IEEE802.1d STP
		IEEE802.1w RSTP
		IEEE802.1s MSTP
	VLAN	Port-based VLAN
	Mac-address Table	Static mac-address
		Dynamic mac-address
		Filtering mac-address
		IVL mode
	QINQ	Port-based QinQ
		VLAN-based QinQ
		Flow-based QinQ
		1:1 VLAN Mapping
	ERPS (G.8032)	Single ring
		Sub-Ring
Multi-ring		
Layer 2 Multicast	IGMP V1 Snooping	
	IGMP V2 Snooping	
	IGMP V3 Snooping	
	IGMP Fast Leave	
	Static Multicast Entry	
Port Isolate	Port Isolate	
L3 Features	ARP	Static ARP
		Dynamic ARP
		ARP proxy
	IPV4	Static route
		Blackhole route
		RIP
		OSPF
		ISIS
BGP		
Security Features	ACL	IP Standard ACL
		MAC extend ACL
		IP extend ACL
	QoS	QoS Class, Remarking

		SP, WRR queue scheduling
		Ingress Port-based Rate-limit
		Egress Port-based Rate-limit
		Policy-based QoS
	Dot1x	Port Access Control
		Mac-address Access Control
RADIUS Server		
Management	User Management	Password protection
	SNMP	SNMP V1/V2C/V3
	RMON	Statistics
		History
		Alarm
		Event
	Web Management	Web management
		HTTP V1.1
	Firmware Upgrade	Firmware Upgrade
	Syslog/Debug	Support
	IPV4/IPV6	Support
Diagnosis	ping(ipv4)	
	ping(ipv6)	
	Trace route(ipv4)	
	Trace route(ipv6)	
Application	NTP	NTP Client
	DHCPv4 Snooping	Trust Port
	DHCP Client	DHCPv4 Client
		DHCPv6 Client
	DHCP Server	DHCPv4 Server
		DHCPv6 Server
	Telnet	Telnet Server
Telnet Client		
TFTP	TFTP Client	

Order Information

Model	Description
IMS5328-16T8C4S	L3 Managed, 16*10/100/1000Base-T + 8*1G Combo + 4*10G/1GBase-X; 100-240VAC input

Default Accessories



Rack-mount Ears



Screws

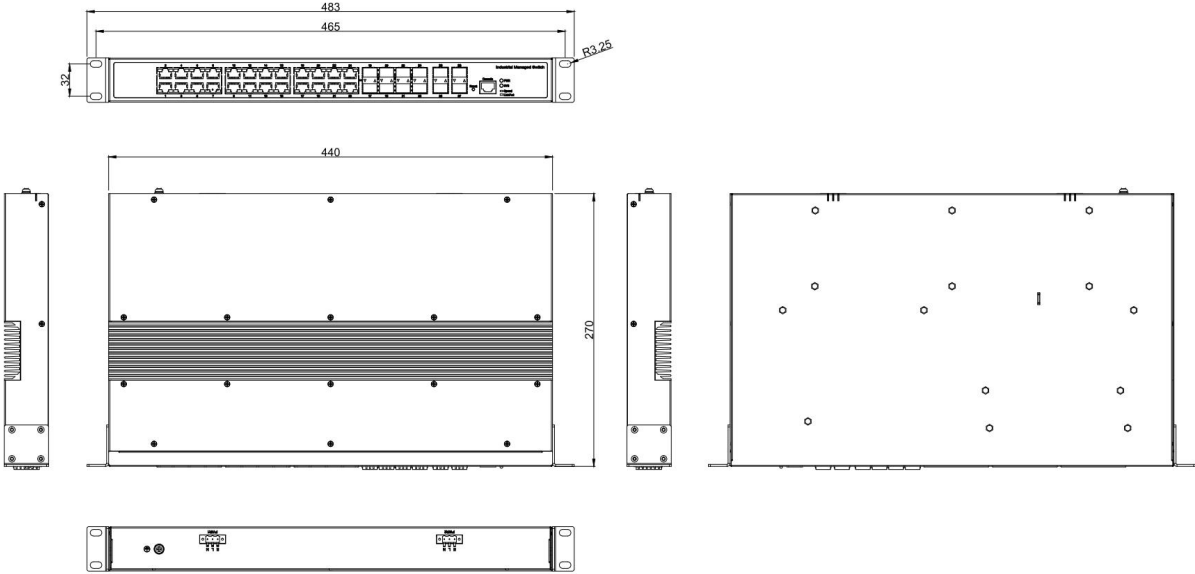


Power Cords

Related Products

Model	Description
SFP Module	
SFP-M1285L-05I	1.25G MM 850nm LC 550m DDM, Industrial Grade
SFP-M1213L-02I	1.25G MM 1310nm LC 2km DDM, Industrial Grade
SFP-S1213L-20I	1.25G SM 1310nm LC 20km DDM, Industrial Grade
SFP-B1235L-20I	1.25G SM TX1310/RX1550nm LC 20km DDM, Industrial Grade
SFP-B1253L-20I	1.25G SM TX1550/RX1310nm LC 20km DDM, Industrial Grade
SFP-M1085L-03I	10G MM 850nm LC 300m DDM, Industrial Grade
SFP-S1013L-10I	10G SM 1310nm LC 10km DDM, Industrial Grade
SFP-B1023L-20I	10G SM TX1270/RX1330nm LC 20km DDM, Industrial Grade
SFP-B1032L-20I	10G SM TX1330/RX1270nm LC 20km DDM, Industrial Grade
Long distance 40/60/80/100/120km is available	

Structure diagram (mm)



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