



PLANET GS-5220-16S8C

ЦЕНА 1080 ЛВ С ДДС

Hardware Specifications

Copper Ports	8 10/100/1000Base-T RJ-45 Auto-MDI/MDI-X ports, shared with Port-1~Port-8
SFP/mini-GBIC Slots	24 100/1000Base-X dual-speed SFP interfaces
Console	1 x RS-232-to-RJ45 serial port (115200, 8, N, 1)
Switch Architecture	Store-and-Forward
Switch Fabric	48Gbps / non-blocking
Throughput	35.7Mpps@64Bytes
Address Table	16K entries, automatic source address learning and ageing
Shared Data Buffer	16M bits
Flow Control	IEEE 802.3x pause frame for full-duplex Back pressure for half-duplex
Jumbo Frame	10K bytes
Reset Button	< 5 sec: System reboot > 5 sec: Factory default
Dimensions (W x D x H)	440 x 200 x 44.5 mm, 1U height
Weight	2745g
	System:
	PWR (Green)
	DC (Green) (GS-5220-16S8CR Only)
LED	Fault (Red)
	FAN (Red)
	10/100/1000T RJ45 Interfaces (Port 1 to Port 8):
	1000Mbps LNK/ACT (Green)

10/100Mbps LNK/ACT (Orange)
100/1000Mbps SFP Interfaces (Port 1 to Port 24):
1000Mbps LNK/ACT (Green)
100Mbps LNK/ACT (Orange)

Power Requirements	GS-5220-16S8C: 100~240V AC, 50/60Hz GS-5220-16S8CR: 100~240V AC, 50/60Hz 48V DC @ 0.6A, Range: 36 ~ 60V
Power Consumption	45 watts / 153 BTU (max.)
ESD Protection	6KV DC
Layer 2 Functions	
Port Configuration	Port disable / enable Auto-negotiation 10/100/1000Mbps full and half duplex mode selection Flow control disable / enable
Port Status	Display each port's speed duplex mode, link status, flow control status, auto-negotiation status, trunk status
Port Mirroring	TX / RX / Both Many-to-1 monitor
VLAN	802.1Q tagged based VLAN Q-in-Q tunneling Private VLAN Edge (PVE) MAC-based VLAN Protocol-based VLAN Voice VLAN IP Subnet-based VLAN MVR (Multicast VLAN Registration) Up to 255 VLAN groups, out of 4094 VLAN IDs
Link Aggregation	IEEE 802.3ad LACP / Static Trunk 12 groups of 8-port trunk supported
Spanning Tree Protocol	STP, IEEE 802.1D Spanning Tree Protocol RSTP, IEEE 802.1w Rapid Spanning Tree Protocol MSTP, IEEE 802.1s Multiple Spanning Tree Protocol
QoS	Traffic classification based, Strict priority and WRR 8-Level priority for switching - Port Number - 802.1p priority - 802.1Q VLAN tag - DSCP/TOS field in IP packet
IGMP Snooping	IGMP (v1/v2/v3) Snooping, up to 255 multicast groups IGMP Querier mode support
MLD Snooping	MLD (v1/v2) Snooping, up to 255 multicast groups MLD Querier mode support
Access Control List	IP-based ACL / MAC-based ACL Up to 256 entries

Bandwidth Control	Per port bandwidth control Ingress: 100Kbps~1000Mbps Egress: 100Kbps~1000Mbps
Layer 3 Functions	
IP Interfaces	Max. 128 VLAN interfaces
Routing Table	Max. 32 routing entries
Routing Protocols	IPv4 hardware Static Routing IPv6 hardware Static Routing
Management	
Basic Management Interfaces	Console / Telnet / Web browser / SNMP v1, v2c
Secure Management Interfaces	SSH, SSL, SNMP v3
SNMP MIBs	RFC 1213 MIB-II RFC 1493 Bridge MIB RFC 1643 Ethernet MIB RFC 2863 Interface MIB RFC 2665 Ether-Like MIB RFC 2819 RMON MIB (Group 1, 2, 3 and 9) RFC 2737 Entity MIB RFC 2618 RADIUS Client MIB RFC 2863 IF-MIB RFC 2933 IGMP-STD-MIB RFC 3411 SNMP-Frameworks-MIB RFC 4292 IP Forward MIB RFC 4293 IP MIB RFC 4836 MAU-MIB IEEE 802.1X PAE LLDP
Standards Conformance	
Regulation Compliance	FCC Part 15 Class A, CE
Standards Compliance	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab Gigabit 1000Base-T IEEE 802.3x Flow Control and Back pressure IEEE 802.3ad port trunk with LACP IEEE 802.1D Spanning Tree protocol IEEE 802.1w Rapid Spanning Tree protocol IEEE 802.1s Multiple Spanning Tree protocol IEEE 802.1p Class of service IEEE 802.1Q VLAN tagging IEEE 802.1X port authentication network control IEEE 802.1ab LLDP RFC 768 UDP

RFC 793 TFTP
RFC 791 IP
RFC 792 ICMP
RFC 2068 HTTP
RFC 1112 IGMP version 1
RFC 2236 IGMP version 2
RFC 3376 IGMP version 3
RFC 2710 MLD version 1
RFC 3810 MLD version 2

Environment

Operating

Temperature: 0 ~ 50 degrees C
Relative Humidity: 5 ~ 95% (non-condensing)

Storage

Temperature: -10 ~ 70 degrees C
Relative Humidity: 5 ~ 95% (non-condensing)

Ordering Information

GS-5220-16S8C L2+ 24-port 100/1000X SFP + 8-port Shared TP Managed Switch

GS-5220-16S8CR L2+ 24-port 100/1000X SFP + 8-port Shared TP Managed Switch + Redundant AC/DC Power