

Brand	PLANET	PLANET	PLANET	PLANET	
Model name	GS-5220-16S8C GS-5220-16S8CR	SGSW-24240 SGSW-24240R	MGSW-28240F	MGSW-24160F	
Product Outlook					
Features	L2+ IPv4/IPv6 Managed Switch	L2/L4 IPv4/IPv6 Managed Switch	L2+ IPv4/IPv6 Managed Switch	L2/L4 IPv4/IPv6 Managed Switch	
Interface					
Switching Capacity	48Gbps	68Gbps	128Gbps	48Gbps	
10GBase-X SFP Slot	-	-	4	-	
100/1000Base-X SFP Slot	24	24	24	16	
10/100/1000Base-T	8	8	4	8	
Stacking Ports	-	2	-	-	
Console	RJ-45 / RS-232	DB9 / RS-232	RJ-45 / RS-232	DB9 / RS-232	
Digital Input / Digital Output	-	-	■ / ■	■ / ■	
Front-access Panel	-	-	■	■	
Layer 2 Features					
Jumbo Frame	10K	10K	10K	13K	
Bandwidth Control	In / Out	In / Out	In / Out	In / Out	
Link Aggregation	Static	12 Trunks / 8 Ports	12 Trunks / 16 Ports	12 Trunks / 16 Ports	
	LACP	12 Trunks / 8 Ports	12 Trunks / 16 Ports	12 Trunks / 16 Ports	
VLAN	Port Base	■	■	■	
	802.1Q	■	■	■	
	Q-in-Q	■	■	■	■
	Private VLAN	■	■	■	■
	Voice VLAN	■	■	■	■
Spanning Tree	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	
STP BPDU Guard	■	■	■	■	
BPDU Filtering	■	■	■	■	
IGMP Snooping	V1 / V2	V1 / V2	V1 / V2	V1 / V2	
IGMP Query mode	■	■	■	■	
DHCP Relay/Option 82	■ / ■	■ / ■	■ / ■	■ / ■	
MVR	■	■	■	■	
Layer 3 Features					
IP Interfaces	Max. 128 VLAN interfaces	-	Max. 128 VLAN interfaces	-	
Routing Table	Max. 32 routing entries	-	Max. 32 routing entries	-	
Routing Protocols	IPv4 hardware Static Routing IPv6 hardware Static Routing	-	IPv4 hardware Static Routing IPv6 hardware Static Routing	-	
Quality of Service					
QoS	802.1p	■ / 4 queues	■ / 4 queues	■ / 4 queues	
	TOS / DSCP	■ / ■	■ / ■	■ / ■	
	Strict / WRR	■ / ■	■ / ■	■ / ■	■ / ■
Policy-base DiffServ	■	■	■	■	
Security					
802.1X	Port Based	■	■	■	
	MAC Based	■	■	■	
TACACS+	■	■	■	■	
ACL	L2 / L3 / L4	L2 / L3 / L4	L2 / L3 / L4	L2 / L3 / L4	
RADIUS	■	■	■	■	
DHCP Snooping	■	■	■	■	
IP Source Guard	■	■	■	■	
ARP Inspection	■	■	■	■	
Port Security (MAC Limit)	■	■	■	■	
IP / MAC Security	■	■	■	■	
Management					
SNMP	V1, V2c	■	■	■	
	V3	■	■	■	
	Trap	■	■	■	■
	RMON	■	■	■	■
System Log / Syslog	■ / ■	■ / ■	■ / ■	■ / ■	
Management	WEB, Telnet, Console	WEB, Telnet, Console	WEB, Telnet, Console	WEB, Telnet, Console	
SSH / SSL	■ / ■	■ / ■	■ / ■	■ / ■	
IPv6 Management	■	■	■	■	
Other Management	LLDP / NTP	LLDP / NTP	LLDP / NTP	LLDP / NTP	
Stack ability	-	■	-	-	
Cable Diagnostic	■	■	■	■	
Hardware					
AC Power	internal 100~240V AC	internal 100~240V AC	internal 100~240V AC	internal 100~240V AC	
Redundant DC Power Input	36V ~ 60V DC(GS-5220-18S8CR)	-48V ~ -60V DC(SGSW-24240R)	-36V ~ -72V DC	-36V ~ -72V DC	
Fault Relay Alarm	■	-	■	■	
Dimension (W x D x H)	19" / 440 x 200 x 44.5 mm 1U height	19" / 440 x 200 x 44.5 mm 1U height	19" / 440 x 200 x 44.5 mm 1U height	19" / 440 x 200 x 44.5 mm 1U height	
Operating Temperature	0 ~ 50 degrees C	0 ~ 50 degrees C	-10 ~ 60 degrees C	-10 ~ 60 degrees C	