





		PLANET	PLANET	PLANET	PLANET
Model Name		GS-4210-16T2S	GS-4210-24T2S	WGSW-24040 (V2)	WGSW-28040 (V3)
Product Outlook					
Feature		L2/L4 Managed	L2/L4 Managed	L2+ Managed	L2/L4 Managed
Hardware Specification					
10/100/1000BASE-T Port		16	24	24	28
SFP / mini-GBIC		2 (Port 17, 18)	2 (Port 25, 26)	4 (Share with port 21 to port 24)	4 (Share with port 25 to port 28)
SFP Slot		100 / 1000Mbps	100 / 1000Mbps	100 / 1000Mbps	100 / 1000Mbps
RJ45 Console Port		Yes	Yes	DB9 / RS232	Yes
MAC Address Table		8K	8K	8K	8K
Switch Fabric		36Gbps / non-blocking	52Gbps / non-blocking	48Gbps / non-blocking	56Gbps / non-blocking
Switch Throughput@64Bytes		26.7Mpps	38.6Mpps	35.7Mpps	41.6Mpps
Jumbo Frame		9K	9K	9K	9K
Dimension (W x D x H)		445 x 207 x 45mm	445 x 207 x 45mm	440 x 200 x 44.5mm	440 x 200 x 44.5mm
Weight		2kg	2.1kg	2.7kg	2.7kg
Power Requirement		100 - 240V AC, 50 - 60Hz, 0.8A	100 - 240V AC, 50 - 60Hz, 0.8A	100 - 240V AC, 50 - 60Hz, 0.6A	100 - 240V AC, 50 - 60Hz, 0.6A
Power Consumption		10.4 watts / 35 BTU	14 watts / 47 BTU	21 watts / 71 BTU	21 watts / 71 BTU
ESD Protection		Yes	Yes	Yes	Yes
Fan		NA	NA	NA	NA
Enclosure		Metal	Metal	Metal	Metal
Layer 2 Features					
Link Aggregation	Static	■	■	■	■
	LACP	■	■	■	■
VLAN	802.1Q	■	■	■	■
	Portcol-based	■	■	■	■
	Q-in-Q	■	■	■	■
	GVRP	■	■	-	■
Spanning Tree	802.1D	■	■	■	■
	802.1w	■	■	■	■
	802.1s	■	■	■	■
	BPDU Guard	■	■	■	■
IGMP Snooping		v2, v3	v2, v3	v1/v2/v3	v2/v3
IGMP Query mode		■	■	■	■
IGMP Fast Leave		■	■	■	■
IGMP Router Mode		Static / Forbidden	Static / Forbidden	auto / fix / none	Static / Forbidden
IPv6 MLD Snooping		v1, v2	v1, v2	v1, v2	v1, v2
IPv6 MLD Router Mode		Static / Forbidden	Static / Forbidden	auto / fix / none	Static / Forbidden
Multicast Throttling		■	■	■	■
IGMP / MLD Filter		■ / ■	■ / ■	■ / ■	■ / ■
MAC Address Table	Static MAC	■	■	■	■
	MAC Filtering	■	■	■	■
Layer 3 Functions					
IP Interfaces		-	-	Max. 8 VLAN interfaces	-
Routing Table		-	-	Max. 32 routing entries	-
Routing Protocols		-	-	IPv4 software Static Routing IPv6 software Static Routing	-
QoS					
QoS	802.1p (CoS)	■ / 8 queue	■ / 8 queue	■ / 8 queue	■ / 8 queue
	DSCP	■	■	■	■
	Port-based	■	■	■	■
	Schedule Mode	Strict / WRR	Strict / WRR	Strict / WRR	Strict / WRR
Voice VLAN		■	■	■	■
IP Precedence		■	■	-	■
IP Precedence Remarking		■	■	-	■
Bandwidth Control (in / Out)		■ / ■	■ / ■	■ / ■	■ / ■
Security					
Port-based 802.1X		■	■	■	■
ACL / ACE		IPv4 / IPv6 / MAC-based	IPv4 / IPv6 / MAC-based	■ / ■	IPv4 / IPv6 / MAC-based
Port Security		■	■	■	■
Management Access Control		■	■	■	■
SSH / SSL		- / ■	- / ■	■ / ■	■ / ■
RADIUS Server		■	■	■	■
TACACS+ Authentication		■	■	■	■
Authentication Supported		Radius / TACACS+ / Local	Radius / TACACS+ / Local	Radius / TACACS+ / Local	Radius / TACACS+ / Local
DHCP Snooping		■	■	■	■
DHCP Option82		■	■	■	■
IP Source Guard		■	■	■	■
Dynamic ARP Inspection		■	■	■	■
DoS Attack Prevention		■	■	■	■
Storm Control (BC/MC/UC)		■ / ■ / ■	■ / ■ / ■	■ / ■ / ■	■ / ■ / ■
Management					
Management VLAN		■	■	■	■
Port Mirror		■	■	■	■
Port Error Disable		■	■	-	■
Badwidth Utilization		■	■	-	■
Management & Configuration		Web, Telnet, Console	Web, Telnet, Console	Web, Telnet, Console	Web, Telnet, Console
SNMP	V1, V2c	■	■	■	■
	V3	■	■	■	■
	Trap	■	■	■	■
	RMON	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
Flash / Buffer / Remote Log		■ / ■ / ■	■ / ■ / ■	- / ■ / ■	■ / ■ / ■
SNTP		■	■	■	■
LLDP / LLDP-MED		■ / ■	■ / ■	■ / ■	■ / ■

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IPv4 Management	■	■	■	■
IPv6 Management	■	■	■	■
DHCP Client	■	■	■	■
Config. / Firmware Backup	■ / ■	■ / ■	■ / -	■ / ■
Config. / Firmware Upgrade	■ / ■	■ / ■	■ / ■	■ / ■
Diagnostics				
Cable Diagnostics	■	■	■	■
IPv4 / IPv6 Ping Test	■ / ■	■ / ■	■ / ■	■ / ■
Trace Route	■	■	-	■
Others				
EEE	■	■	■	■
Protected Port	■	■	■	■