





Brand		PLANET	Netgear	Cisco	HP
Model name		GSD-1002M	GS108Tv2	SLM2008	HP 1810-8G
Product Outlook					
Features		Managed	Managed	Managed	Managed
Interface					
Switching Capacity		20Gbps	16Gbps	16Gbps	16Gbps
10/100/1000Base-T		8	8	8	8
SFP / mini-GBIC		2; 100/1000X SFP	-	-	-
Layer 2 Features					
Jumbo Frame		10K	■	9K	9K
Bandwidth Control		In / Out	In / Out	In / Out	In / Out
Link Aggregation	Static	8 Trunks / 8 Ports	■	■	■
	LACP	8 Trunks / 8 Ports	■	■	4 Trunks / 8 Ports
VLAN	Port Base	-	-	■	-
	802.1Q	■	■	■	■
	Q-in-Q	■	-	-	-
	Private VLAN	■	-	-	-
Spanning Tree	Voice VLAN	■	■	-	-
	Protocol	802.1D / 802.1w / 802.1s	802.1w / 802.1s	-	802.1D / 802.1w
	STP BPDU Guard	■	-	-	-
	BPDU Filtering	■	-	-	-
IGMP Snooping		V2 / V3	V1 / V2	V1 / V2	-
IGMP Query mode		■	■	-	-
IGMP Snooping V2 Report Suppression		■	-	-	-
MLD Snooping		V1 / V2	-	-	-
MLD Snooping V2 Report Suppression		■	-	-	-
Multicast Filter		■	■	■	■
DHCP Relay/Option 82		- / ■	-	-	-
Quality of Service					
QoS	802.1p	■ / 8 queues	■ / ? queues	■ / 4 queues	■ / 4 queues
	TOS / DSCP	■ / ■	■ / ■	■ / ■	■ / ■
	Strict / WRR	■ / ■	■ / -	■ / ■	■ / -
Security					
802.1X		Port-based	Port-based	Port-based	-
TACACS+		■	■	-	-
ACL		L2 / L3 / L4	L2/L3	-	-
RADIUS		■	■	■	-
Guest VLAN		■	■	-	-
Port Security (MAC Limit)		■	■	-	-
MAC Security		■	-	-	-
DHCP Snooping		■	■	-	-
ARP Inspection		■	-	-	-
IP Source Guard		■	-	-	-
Management					
SNMP	V1, V2c	■	■	-	■
	V3	■	■	-	-
	Trap	■	-	-	-
	RMON	■	■	-	-
System Log / Syslog		■ / ■	■ / ■	-	-
Management		WEB, Telnet	WEB	WEB	WEB
SSH / SSL		■ / ■	- / -	- / -	- / ■
IPv6 Management		■	-	-	-
Other Management		SNTP	SNTP	-	SNTP
Fiber Information		■	-	-	-
Cable Diagnostic		■	■	-	-
Dual Image		■	-	-	■
LLDP / LLDP-MED		■ / ■	■ / ■	-	■ / -
Hardware					
PoE PD		■	■	■	■
Power		12V DC / PoE In	12V DC / PoE In	internal 100-240V AC / PoE In	internal 100-240V AC / PoE In
Power Consumption		Max. 11 Watts	Max. 12 Watts	N/A	Max. 7.2 Watts
FAN		Fanless	Fanless	■	Fanless
Dimension (W x D x H)		191 x 86 x 26 mm	158 x 105 x 27mm	130 x 130 x 28.5mm	201 x 118 x 44 mm
Operating Temperature		0-50 degrees C	0-50 degrees C	0-40 degrees C	0-40 degrees C