





## 8-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch Comparison Table

Brand	PLANET	EnGenius	Netgear	D-Link
<b>Model name</b>	GS-4210-8P2T2S	EWS5912FP	GS510TP	DGS-1210-10P
<b>Product Outlook</b>				
<b>Features</b>	Managed	Managed	Managed	Managed
<b>Interface</b>				
<b>Switching Capacity</b>	24Gbps	24Gbps	20Gbps	20Gbps
<b>10/100/1000Base-T</b>	10	10	8	10
<b>SFP / mini-GBIC</b>	2	2	2	2(Combo)
<b>802.3at PoE Ports</b>	8	8	8	8
<b>802.3af PoE Ports</b>	Compatible	Compatible	Compatible	Compatible
<b>Console</b>	RJ-45 Type	RJ-45 Type	-	-
<b>Power over Ethernet</b>				
<b>PoE Standard</b>	IEEE 802.3af / 802.3at PoE / PSE	IEEE 802.3af / 802.3at PoE / PSE	IEEE 802.3af / 802.3at PoE / PSE	IEEE 802.3af / 802.3at PoE / PSE
<b>PoE Power Supply Type</b>	End-Span	?	?	?
<b>PoE Power Output</b>	Per port 56V DC, Max. 30.8 Watts	Per port Max. 30.8 Watts	Per port Max. 30.8 Watts	Per port Max. 30.8 Watts
<b>Power Pin Assignment</b>	1/2(+), 3/6(-)	?	?	?
<b>PoE Power Budget</b>	240watts Max.	130watts Max.	130watts Max.	78watts Max.
<b>PD Alive Check</b>	■	-	-	-
<b>PoE Schedule</b>	■	-	■	-
<b>Over Temperature Protection</b>	■	?	?	?
<b>Layer 2 Features</b>				
<b>Jumbo Frame</b>	10K	?	?	?
<b>Bandwidth Control</b>				
	In / Out	-	-	In / Out
<b>LINK Aggregation</b>	Static	8 Trunks / 8 Ports	■	■
	802.1Q	■	■	■
<b>VLAN</b>	Q-in-Q	■	-	-
	Private VLAN	■	-	-
	Voice VLAN	■	■	■
<b>Spanning Tree</b>	Protocol	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s
	STP BPDU Guard	■	-	-
	BPDU Filtering	■	-	-
<b>IGMP Snooping</b>	V2 / V3	V1 / V2 / V3	V1 / V2 / V3	V1 / V2
<b>IGMP Query mode</b>	■	■	-	■
<b>MLD Snooping</b>	■	-	-	■
<b>DHCP Relay/Option 82</b>	- / ■	- / -	- / -	- / ■
<b>Quality of Service</b>				
<b>QoS</b>	802.1p	■ / 8 queues	■	■ / 4 queues
	TOS / DSCP	■ / ■	■ / ■	■ / ■
	Strict / WRR	■ / ■	- / -	- / -
<b>Security</b>				
<b>802.1X</b>	Port-based	Port-based	Port-based	Port-based
<b>TACACS+</b>	■	-	■	-
<b>ACL</b>	L2 / L3 / L4	■	■	L2 / L3 / L4
<b>RADIUS</b>	■	■	■	■
<b>Guest VLAN</b>	■	■	-	-
<b>Port Security (MAC Limit)</b>	■	-	■	■
<b>MAC Security</b>	■	-	-	-
<b>DHCP Snooping</b>	■	-	■	■
<b>ARP Inspection</b>	■	-	-	■
<b>IP Source Guard</b>	■	-	-	-
<b>SNMP</b>	V1, V2c	■	■	■
	V3	■	■	■
	Trap	■	-	-
	RMON	■	■	■
<b>System Log / Syslog</b>	■ / ■	- / ■	- / ■	■ / -
<b>Management</b>	WEB, Telnet, Console	WEB, Telnet, Console	WEB, Telnet	WEB, Telnet
<b>SSH / SSL</b>	■ / ■	■ / ■	- / ■	- / ■
<b>IPv6 Management</b>	■	-	-	-
<b>Other Management</b>	SNTP	SNTP	SNTP	SNTP
<b>Cable Diagnostic</b>	■	■	-	■
<b>Hardware</b>				
<b>Power</b>	internal 100-240V AC	?	internal 100-240V AC	internal 100-240V AC
<b>Dimension (W x D x H)</b>	330 x 200 x 44.5 mm	330 x 229 x 44 mm	328 x 169 x 43 mm	330 x 180 x 44 mm
<b>Operating Temperature</b>	0-50 degrees C	0-50 degrees C	0-50 degrees C	0-40 degrees C