





Brand	PLANET	DLINK	Zyxel	SMC
Model name	MGSW-24160F	DGS-3700-12G	MGS-3712F	SMC6128D-SFP
Product Outlook				
Features	Full Managed	Full Managed	Full Managed	Managed
<b>Interface</b>				
Switching Capacity	48Gbps	24Gbps	24Gbps	12.8Gbps
100/1000Base-X SFP Slot	16	8	8	2 (Gigabit only)
100Base-X SFP Slot	-	-	-	24
10/100/1000Base-T	8	4	4	2 (combo)
Console	DB9 / RS-232	DB9 / RS-232	DB9 / RS-232	RJ45 / RS-232
Digital Input / Digital Output	■ / ■	-	-	-
Front-access Panet	■	■	■	-
<b>Layer 2 Features</b>				
Jumbo Frame	9K	13K	9K	10K
Bandwidth Control	In / Out	In / Out	In / Out	In / Out
Link Aggregation	Static	12 Trunks / 16 Ports	6 Trunks / 8 Ports	6 Trunks / 8 Ports
	LACP	12 Trunks / 16 Ports	6 Trunks / 8 Ports	6 Trunks / 8 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	802.1w / 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	■ / ■	■ / ■	■ / ■	- / ■
<b>Quality of Service</b>				
QoS	802.1p	■ / 4 queues	■ / 4 queues	■ / 4 queues
	TOS / DSCP	■ / ■	■ / ■	- / ■
	Strict / WRR	■ / ■	■ / ■	- / ■
Policy-base DiffServ	■	-	-	■
<b>Security</b>				
802.1X	Port Based	■	■	■
	MAC Based	■	■	-
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	■	-	-	-
<b>Management</b>				
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	- / NTP	LLDP / NTP
<b>Hardware</b>				
AC Power	internal 100~240V AC	internal 100~240V AC	internal 100~240V AC	-
Redundant DC Power Input	-36V ~ -72V DC	-36V ~ -75V DC	-48V ~ -60V DC	-40V ~ -55V DC
Fault Relay Alarm	■	-	-	-
Dimension (W x D x H)	19" / 440 x 200 x 44.5 mm 1U height	19" / 441 x 210 x 44 mm 1U height	19" / 438 x 225 x 44.5mm 1U height	19" / 440 x 230 x 44.5mm 1U height
Operating Temperature	-10 ~ 60 Degree C	0 ~ 65 Degree C	0 ~ 65 Degree C	0 ~ 50 Degree C