

Brand	PLANET	PLANET	PLANET
Model name	IGS-5225-16T4S	IGSW-24040T(v3)	IGS-5225-20T4C2X
Product Outlook			
Hardware Specifications			
10/100/1000BASE-T Ports	16	24	24
1000SX/LX SFP Slots	4	4(Shared)	4(Shared)
100FX SFP Slots	Compatible	Compatible	Compatible
10G SFP+	NA	NA	2, compatible 1G
Console	DB9 / RJ45	DB9 / RJ45	DB9 / RS-232
Digital Input / Output	2 / 2 Groups	2 / 2 Groups	2 / 2 Groups
Power Fault Alarm	■	■	■
Power Consumption / Dissipation	15.2 watts/51.8 BTU	19.72 Watts / 67.28 BTU	39.87 Watts / 136.79 BTU
ESD / EFT Protection	6KV DC / 6KV DC	6KV DC / 6KV DC	6KV DC / 6KV DC
Installation	Rack Mount Ear	Rack Mount Ear	Rack Mount Ear
Power Requirement	Internal: 100~240V AC External: 36~60V DC	Internal: 100~240V AC External: 36~60V DC	Internal: 100~240V AC External: 36~72V DC
Redundant Power Input	AC + DC	AC + DC	AC + DC
IP30 Housing	■	■	■
Dimension (W x D x H)	440 x 200 x 44.5 mm	440 x 200 x 44.5 mm	440 x 200 x 44.5 mm
Weight	2672g	2788g	2916g
Operating Temperature	-40 ~75 degrees C with DC power input -10~60 degrees C with AC power input	-40 ~75 degrees C with DC power input -10~60 degrees C with AC power input	-40 ~75 degrees C with DC power input -10~60 degrees C with AC power input
Switch Specifications			
Switch Fabric	40Gbps	48Gbps	88Gbps
Throughput (Packet per second)	29.76Mpps	35.71Mpps	65.48Mpps
Jumbo Frame	9Kbytes	9Kbytes	10Kbytes
MAC Table Size	8K	8K	16K
Storm Control	Multicast / Unknown-Unicast / Broadcast	Multicast / Unknown-Unicast / Broadcast	Multicast / Unknown-Unicast / Broadcast
E.R.P.S Ring	■	■	■
IEEE 1588	■ / Port-1~Port-12	■ / Port-1~Port-12	-
VLAN	802.1Q	■ / 255	■ / 255
	Q-in-Q	■	■
	Private VLAN	■	■
	Portocol-Based	■	■
	MAC-Based	■	■
	Voice VLAN	■	■
MVR	■	■	■
Spanning Tree	802.1D/1w/1s	802.1D/1w/1s	802.1D/1w/1s
STP BPDU Guard	■	■	■
BPDU Filtering	■	■	■
Loop Detection	■	■	■
Link Aggregation	Static	10 Trunks / 8 Ports	12 Trunks / 8 Ports
	LACP	10 Trunks / 8 Ports	12 Trunks / 8 Ports
Multicast			
IGMP Snooping	V1, V2, V3	V1, V2, V3	V1, V2, V3
IGMP Query mode	■	■	■
IGMP Filtering	■	■	■
MLD Snooping	■	■	■
MLD Filtering	■	■	■
Max. Multicast Groups	256	256	256
MVR	■	■	■
Layer 3 Features			
IP Interfaces	Max. 128 VLAN interfaces	Max. 128 VLAN interfaces	Max. 128 VLAN interfaces
Routing Table	Max. 32 routing entries	Max. 32 routing entries	Max. 32 routing entries
Routing Protocols	IPv4 software Static Routing IPv6 software Static Routing	IPv4 software Static Routing IPv6 software Static Routing	IPv4 hardware Static Routing IPv6 hardware Static Routing
Quality of Service			
QoS	802.1p	■ / 8 queues	■ / 8 queues
	TOS / DSCP	■ / ■	■ / ■
	Strict / WRR	■ / ■	■ / ■
Policy-based DiffServ	■	■	■
Security			
Authentication	802.1X Port Based	■	■
	MAC Based	■	■
ACL	L2 / L3 / L4	L2 / L3 / L4	L2 / L3 / L4
Port Security	■	■	■
IP / MAC Security	■	■	■
SSH / SSL	■ / ■	■ / ■	■ / ■
RADIUS	■	■	■
TACACS+	■	■	■
DHCP Snooping	■	■	■
IP Source Guard	■	■	■
ARP Inspection	■	■	■
DoS Protection	■	■	■
Management			
SNMP	V1, V2c	■	■
	V3	■	■
	Trap	■	■
	RMON	4 Groups	4 Groups
Log	Event log / Syslog / e-mail	Event log / Syslog / e-mail	Event log / Syslog / e-mail
Management & Configuration	WEB, Telnet, SNMP	WEB, Telnet, SNMP	WEB, Telnet, SNMP
IPv6 Management	■	■	■
DHCP Relay / DHCP Option	■ / ■	■ / ■	■ / ■
Other Management	NTP, LLDP	NTP, LLDP	NTP, LLDP
Cable Diagnostic	■	■	■