




Brand	PLANET	PLANET	MOXA
Model name	IGS-4215-4P4T	IGS-4215-4P4T2S	EDS-P506A-4PoE
Product Outlook			
Hardware Specifications			
10/100/1000BASE-T Ports	8		4 / 6 10/100BASE-TX
100/1000BASE-X Ports	-	2	2 100-BASE-X
Switching Capacity	16Gbps	20Gbps	12Gbps
Throughput (Packet per second)	11.9Mpps	14.8Mpps	8.92Mpps
Enclosure	IP30 aluminum case		IP30 Metal
Dimension (W x D x H)	161 x 107 x 72 mm		135 x 131.5 x 80 mm
Weight	1001g	1004g	1270g
Power Requirement	48-56V DC Redundant dual input		20-60V DC, Redundant dual input
Installation	DIN-rail kit and wall-mount ear		DIN-rail kit and wall-mount ear
ESD / EFT Protection	6KV DC / 6KV DC		■
Operating Temperature	-40~75 degrees C		-40~75 degrees C
Power over Ethernet			
PoE Standard	IEEE 802.3af / 802.3at		IEEE 802.3af / 802.3at
PoE Power Supply Type	End-Span		End-Span
Power Pin Assignment	1/2 (+), 3/6 (-)		1/2 (+), 3/6 (-)
Max. Power Output	Per port 48-56V DC(Depends on the Power Supply), Max. 36 watts		Per port 24-60V DC(Depends on the Power Supply), Max. 36 watts
PoE Power Budget	144 watts		120 watts
Layer2 Features			
Jumbo Frame	10Kbytes		-
MAC Table Size	8K		8K
Bandwidth Control	In/Out		■
Link Aggregation	Static	4 Trunks / 4 Ports	■
	LACP	4 Trunks / 4 Ports	■
VLAN	802.1Q	■	■
	Q-in-Q	■	■
	Private VLAN	■	-
	Voice VLAN	■	-
Spanning Tree	Protocol	802.1D / 802.1w / 802.1s	802.1D / 802.1w / 802.1s
	STP BPDU Guard	■	-
	BPDU Filtering	■	-
Multicast	IPv4 IGMP Snooping	V2 / V3	V1 / V2
	IPv4 IGMP Query mode	■	■
	IPv6 MLD Snooping	■	-
DHCP Relay/Option 82	- / ■		-
Loop Protection	Hardware-based		-
Quality of Service			
QoS	802.1p CoS	■ / 8 queues	■ / 4 queues
	ToS / DSCP	■ / ■	■ / -
	Strict / WRR	■ / ■	-
Security			
Port-based 802.1X	■		■
TACACS+	■		-
ACL	L2 / L3 / L4		■
RADIUS	■		■
Guest VLAN	■		-
Port Security (MAC Limit)	■		-
MAC Security	■		-
DHCP Snooping	■		■
ARP Inspection	■		-
IP Source Guard	■		-
Storm Control	■		-
Management			
Management Interface	Console, Web, Telnet		Web
SNMP	V1, V2c	■	■
	V3	■	■
	Trap	■	■
	RMON	■	■
System Log / Syslog	■ / ■		■
SSH / SSL	■ / ■		■
IPv6 Management	■		■
LLDP/LLDP-Med	■		■
Event Relay	Power and Port event		-
Other Management	SNTP		■
DoS Protection	■		-
Diagnostics			
Cable Diagnostic	■		-
IPv4/IPv6 Ping Test	■		-