





Brand Model name	PLANET ISW-501T	MOXA EDS-205A-T	Advantech EKI-2525I	KTI KSD-541
<b>Outlook</b>				
<b>Level</b>	<b>Unmanaged</b>	<b>Unmanaged</b>	<b>Unmanaged</b>	<b>Unmanaged</b>
<b>Hardware specification</b>				
10/100Base-TX port	5	5	5	5
Dimension	135mm x 87mm x 32mm (W x D x H)	115mm x 70mm x 30mm (W x D x H)	37 x 140 x 95 mm (W x H x D)	144 x 26 x 104.5 mm (W x H x D)
Weight	438g	175g	–	–
Power Requirement	12~48 V DC, Redundant power with polarity reverse protection function	12/24/48 V DC (9.6 to 60 VDC), 18 to 30 VAC (47 to 63 Hz), redundant dual inputs	12 ~ 48 V DC, redundant dual inputs	6 ~ 57 V DC
Power Consumption / Dissipation	11 Watts / 37 BTU	–	3 Watts / 10 BTU	4 Watts / 13 BTU
Installation	DIN rail kit and wall mount ear	DIN rail kit and wall mount ear	DIN rail kit and wall mount ear	DIN rail kit and wall mount ear
Case	IP-30 metal case	IP-30 Aluminum case	IP-30 metal case	Enclosed metal
<b>Switch specification</b>				
Switch Processing Scheme	Store-and-Forward	Store-and-Forward	Store-and-Forward	Store-and-Forward
MAC address table	2K	1K	–	1K
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
Switch Fabric	1Gbps	1Gbps	1Gbps	1Gbps
Throughput (Packet per second)	0.74Mpps	0.74Mpps	0.74Mpps	0.74Mpps
Auto MDI / MDIX	Yes	Yes	Yes	Yes
<b>Standard Conformance</b>				
Temperature	Operating: -40~75 Degree C Storage: -40~75 Degree C	Operating: -40~75 Degree C Storage: -40~85 Degree C	Operating: -40~75 Degree C Storage: -40~85 Degree C	Operating: -20~70 Degree C Storage: -20~85 Degree C
Standard Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-duplex flow control	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-duplex flow control	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-duplex flow control	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-duplex flow control
Regulation Compliance	FCC Part 15 Class A, CE	FCC Part 15, CISPR (EN55022) class A	FCC Part 15 CISPR 22, EN55022 Class A	FCC Class A, CE mark/EMC Class A
Shock	IEC60068-2-27	IEC60068-2-27	IEC60068-2-27	–
Freefall	IEC60068-2-32	IEC60068-2-32	IEC60068-2-32	–
Vibration	IEC60068-2-6	IEC60068-2-6	IEC60068-2-6	–
Protection	6KV ESD; 6KV EFT	–	4KV ESD; 3KV EFT	–
Remark				