




Brand	PLANET	ALLIED TELESIS	TRANSITION
Model Name	GS-4210-24P2S	AT-FS970M/24LPS	MIL-SM24TAF4GPA
Product Outlook			
Level	Layer 2 Managed	Layer 2 Managed	Layer 2 Managed
<b>Ethernet Interface</b>			
10/100/1000Base-T Port	24	24, 10/100Base-TX only	24
802.3at PoE Injector Ports	24	24	24, 802.3af only
SFP/mini-GBIC Slots	2 (100/1000Mbps dual mode)	2 (100/1000Mbps dual mode)	4 (100/1000Mbps dual mode), combo
Switch Architecture	Store and Forward	Store and Forward	Store and Forward
MAC Address Table	8K	16K	8K
Switch Fabric	52Gbps	8.8Gbps	48Gbps
Switch Throughput	38.6Mpps	6.5Mpps	35.7Mpps
Jumbo Frame	9K	9K	9K
Flow Control	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
<b>Power over Ethernet</b>			
PoE Standard	IEEE 802.3af / 802.3at	IEEE 802.3af / 802.3at	IEEE 802.3af
Max. Power Output	Per port 52V DC, 600mA, Max. 30 watts	Max. 30 watts	Per Port 44 to 57V DC, Max. 15.4 watts
PoE Power Budget	300 watts	185 watts	185 watts
Max. number of Class 2 PD	24	24	24
Max. number of Class 3 PD	19	12	12
Max. number of Class 4 PD	9	6	-
<b>Hardware</b>			
Enclosure	Metal	Metal	Metal
Console Port	1 x RS-232-to-RJ45 serial port	1 x RS-232-to-RJ45 serial port	-
Reset Button	1	-	-
FAN	2	-	-
Power Supply	Internal Power Supply Unit	Internal Power Supply Unit	Internal Power Supply Unit
Power Requirement	100~240V AC, 50 / 60Hz, 4A	100~240V AC, 50 / 60Hz	100~240V AC, 50 / 60Hz
Power Consumption	Max. 330 watts / 1122 BTU	Max. 230 watts / 784BTU	Max. 210 watts / 716BTU
Dimension (W x D x H)	445 x 207 x 45 mm (1U height)	441 x 323 x 44 mm	442 x 246 x 44 mm
Weight	2.8kg	-	4.6kg
EMI Safety	FCC Part 15 Class A, CE	FCC Class A	FCC Class A, CE Mark
Operating Temperature	0~50 degrees C	0~40 degrees C	0~45 degrees C
Standard Compliance	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab 1000Base-T IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3at High Power over Ethernet	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab 1000Base-T IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3at High Power over Ethernet	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab 1000Base-T IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
<b>Management Function</b>			
Port Mirroring	TX/RX/ Both, many to 1 monitor	Yes	Yes
VLAN	802.1Q VLAN	802.1Q VLAN	802.1Q VLAN
Trunk	Static Trunk / 802.3ad LACP	Static Trunk / 802.3ad LACP	Static Trunk / 802.3ad LACP
Spanning Tree Protocol	STP / RSTP / MSTP	STP / RSTP / MSTP	STP / RSTP
Multicast	IGMP Snooping v2/ v3 & IGMP Querier	IGMP Snooping v1/ v2 & IGMP Querier	IGMP Snooping v1/ v2
Access Control List	IPv4 IP-based / MAC-based ACL/ ACE	L2/3/4 ACL	-
QoS	IEEE 802.1p / DSCP Priority	IEEE 802.1p / DSCP Priority	IEEE 802.1p
Security	IEEE 802.1x / RADIUS / TACACS+ authentication MAC filter / Static MAC address DHCP Snooping and DHCP Option82 STP BPDU Guard / BPDU Filtering / BPDU Forwarding	IEEE 802.1x / RADIUS / TACACS+ authentication MAC filter / Static MAC address DHCP Snooping and DHCP Option82 STP BPDU Guard	IEEE 802.1x Authentication
System Log	Remote / Local Syslog	Yes	-
LLDP	Yes	Yes	-
SNTP	Yes	Yes	-
HTTPs	Yes	Yes	-
Management Interfaces	RJ45 Console / Web browser / Telnet / SNMP v1, v2c, v3	RJ45 Console / Web browser / Telnet / SNMP v1, v2c, v3	Web browser / SNMP v1, v2c
Firmware Upgrade	HTTP / TFTP	-	HTTP
Configuration Backup / Restore	HTTP / TFTP	-	HTTP
Remark			