

KEY FEATURES

- Comply with IEEE 802.3, 802.3u, 802.3x, 802.1D and 802.1Q
- 24-Port 10/100Mbps with one port of 100BaseFX and two ports of 1000BaseT/SX/LX
- Support hardware configuration modification between 10/100BaseT, 100BaseFX and 1000BaseT/SX/LX
- Prevent packet loss with back pressure and flow control
- Web-based Management provides the ability to completely manage the switch from web browser
- SNMP/Telnet interface deliver complete in-band management
- Support IEEE 802.1D spanning tree protocol
- Support Port-based 802.1Q tag VLAN, 128 VLAN in one switch
- Support IP Multicasting through IGMP snooping
- Quality of Service (QoS) provides port-based, tag-based and DS/TOS-based drop priority and rate/bandwidth control
- Support port trunking and load sharing for high bandwidth links between switches
- Support static and dynamic MAC address limit functions for each connection
- Support flooding control and GVRP functions

COMMON SPECIFICATIONS

Standards	IEEE 802.3, 802.3u, 802.3x flow control, 802.1P/Q, 802.1D, 802.3z Gigabit Ethernet
Connector	TP Port-Shielded RJ-45 / FX Port-MM (ST or SC) or Single Mode (SC) SX Port-Multimode (SC) / LX Port-Single Mode (SC) / Console Port-DB9
MAC Address	12K Entries
RAM Buffer	2M Bytes
Filtering Rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet
Forwarding Rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet
LEDs	Per Port: Lin/Act./Speed (10/100Mbps), FDX/Col. Per Unit: Power
Environment	Operating Temperature: 0° to 50° C Relative Humidity: 5% to 95% non-condensing
Dimension	17.32 x 9.65 x 1.74 inch (440 x 245 x 44 mm)
Power	110-240 VAC, 50/ 60 Hz, 30W max.

MANAGEMENT SPECIFICATIONS

Management	In-band: Web-Based, SNMP, Telnet Out-band: RS-232 Console
SNMP Agent	MIB-II (RFC1213) Bridge (RFC1493) RMON MIB (RFC1757, Group 1,2,3,9) VLAN MIB (802.1Q)
Spanning Tree Algorithm	IEEE 802.1D
VLAN	Port-based/802.1Q Tagged VLAN, 128 VLANs
Trunking	3 trunking groups
IGMP	IP Multicast filtering by passively snooping on the IGMP query
Quality of Service	Port-based, Tag-based and DS/TOS-based priority.
Security	Limit number of MAC address learned per port Static MAC address filter Static/dynamic MAC address limit
Internal Routing	RIP/RIP-2/DHCP-Relay
Software Update	TFTP/Kermit software upgrade capability



FCC Part 15, Class A
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ORDERING INFORMATION						
Model	Description	Ports	Mode	Connector	Speed	Distance
S72450G2	Chassis	-	-	-	-	-
S70154G2	Module	1	MM	SC	1000SX	220m*1
S70155G2	Module	1	SM	SC	1000LX	15km
S70150G2	Module	1	-	RJ-45	1000T	100m
S70143G2	Module	1	MM	ST	100FX	2km
S70144G2	Module	1	MM	SC	100FX	2km
S70145G2	Module	1	SM	SC	100FX	15km
S70243G2	Module	2	MM	ST	100FX	2km
S70244G2	Module	2	MM	SC	100FX	2km
S70245G2	Module	2	SM	SC	100FX	15km

*1: Maximum distance is 500m with 50/125µm MM cable.



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