FSM-6228G-AC NEW

24-port 10/100/1000Base-T + 4 (100/1G) SFP L2 Managed Switch (AC Input)

FSM-6228G-DC NEW

24-port 10/100/1000Base-T + 4 (100/1G) SFP L2 Managed Switch (DC Input)

Features

- IEEE 802.3ab 1000BASE-T Gigabit Ethernet
- L2+ features provide better manageability, security, QoS, and performance
- Network redundant Ring fail-over protection (< 20 ms)
- Multicasting support IGMP v2/v3, proxy & snooping
- Multicast/Broadcast/Flooding Storm Control

Introduction

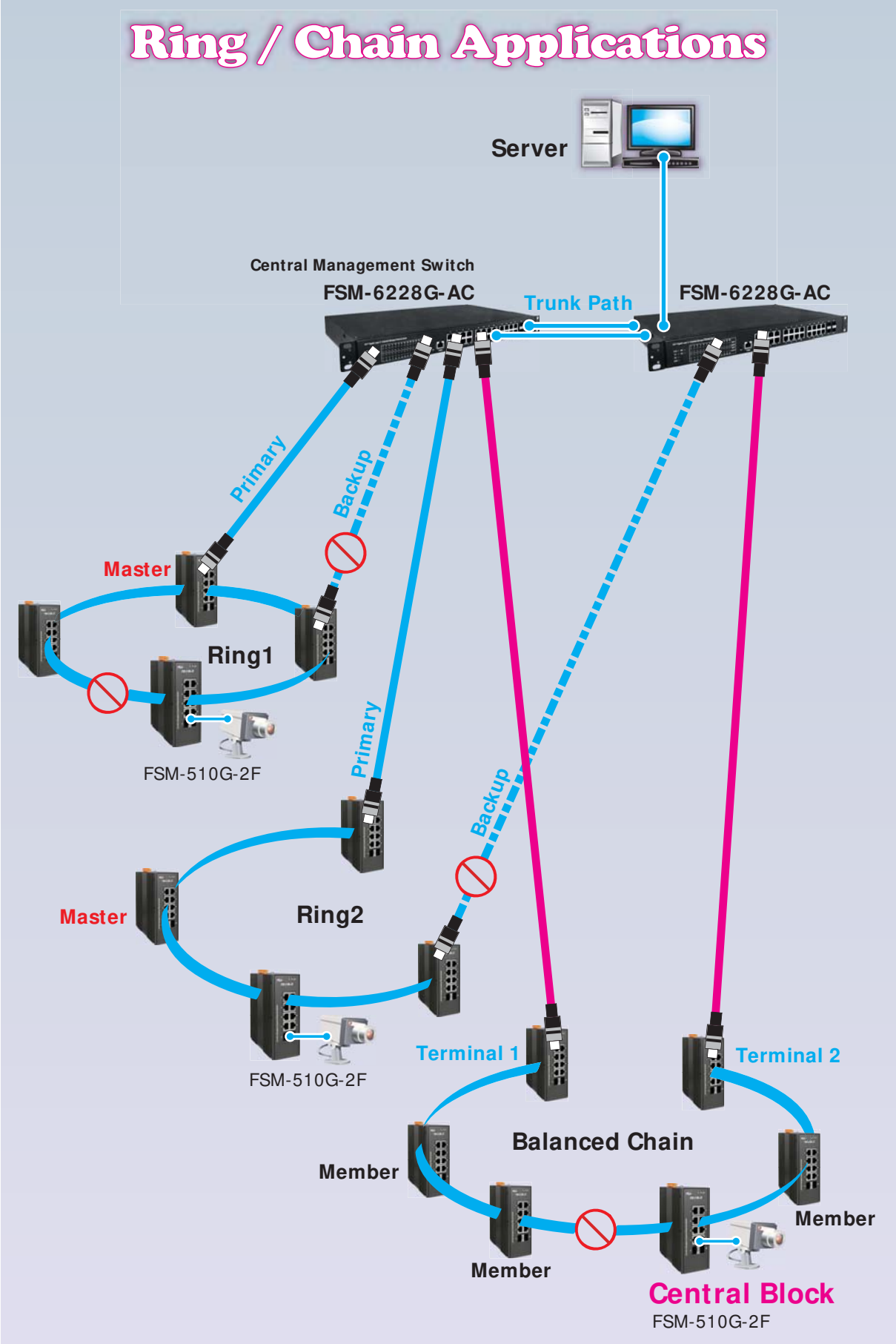
FSM-6228G is a L2 Managed Switch that meets all IEEE 802.3ab/u/x/z Gigabit, Gigabit Ethernet and Ethernet specifications. It provides 24 gigabit Ethernet ports (10/100/1000 Mbps TP) 4 SFP ports.

The switch can be managed through RS-232 serial port via direct connection, or through Ethernet port using Telnet or Web-Based management unit, associated with SNMP agent. With the SNMP agent, the network administrator can logon the switch to monitor, configure and control each port activity in a friendly way. The overall network management is enhanced and the network efficiency is also improved to accommodate high bandwidth applications. In addition, the switch features comprehensive and useful function such as QoS (Quality of Service), Spanning Tree, VLAN, Port Trunking, Bandwidth Control, Port Security, SNMP/RMON.

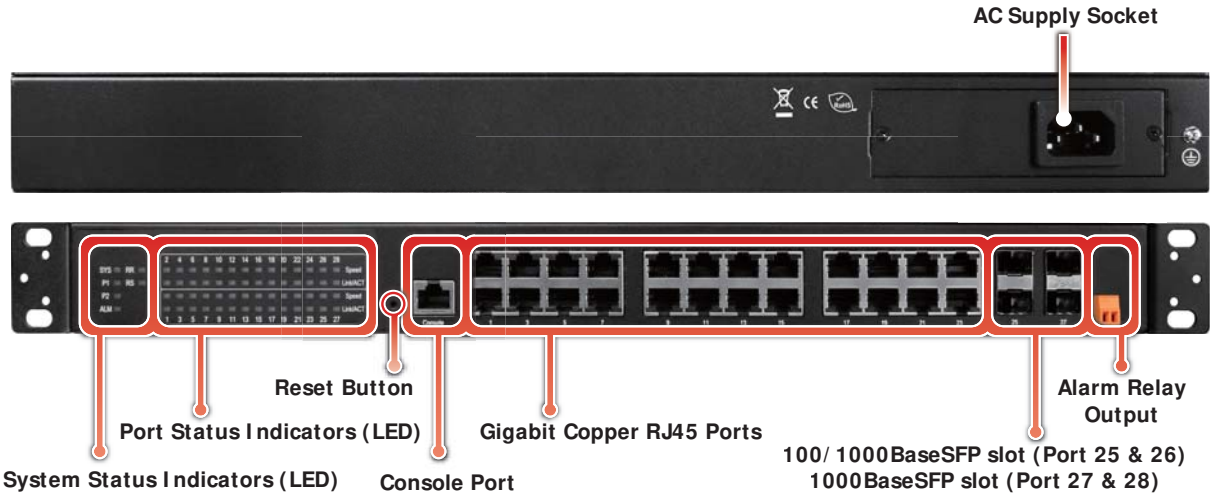
Specifications

Models	FSM-6228G-DC	FSM-6228G-AC
Technology		
Standards	Port Mirroring helps supervisor monitoring network	
	IEEE 802.1Q tag-based VLAN for performance	
	IEEE 802.1X Access Control improve network security	
	IEEE 802.1D Compatible, IEEE802.1w Rapid Spanning Tree & IEEE802.1s Multiple Spanning Tree	
	IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper)	
	IEEE 802.3z Gigabit Ethernet (fiber) ANSI/IEEE 802.3	
	Unknown Unicast/Broadcast/Multicast storm control	
	IP-MAC-Port binding for LAN security	
	QCL Based on Application traffic for QoS and rate limitation management	
	ACL Based on Ethernet Type/ARP/IPv4 for packets permit or deny, rate limitation and port copy	
MAC Addresses	8 K	
Processing Type	Store & forward, L2 wire-speed/non-blocking switching engine	
Jumbo Frames	9K Bytes	
Protocol	VLAN, QoS, Port Trunk, SMTP, TELNET, SNMP, IGMP, IEEE802.1X	
Interface		
RJ-45 Ports	24-port 10/100/1000 Base-TX auto negotiation speed, F/H duplex mode, and auto MDI/MDI-X connection	
SFP	4-port 100/1000 Mbps SFP Fiber Module slots	
LED Indicators	POWER, ALARM , TP Port LED and Ring statuses	
COM	RS-232	
Power		
Input Voltage Range	+12 V_{DC} ~ +48 V_{DC}	100 ~ 240 V_{AC}
Frame Ground for EMS Protection	Yes	
Mechanical		
Casing	Metal	
Environmental Rating	IP30	
Dimensions (W x L x H)	440 mm x 235 mm x 44 mm	
Installation	19"/23" rack mountable	
Environmental		
Operating Temperature	0 °C ~ +60 °C	
Storage Temperature	-10 °C ~ +70 °C	
Ambient Relative Humidity	5% ~ 95% RH, non-condensing	

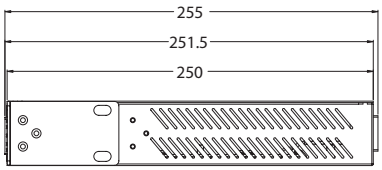
Applications



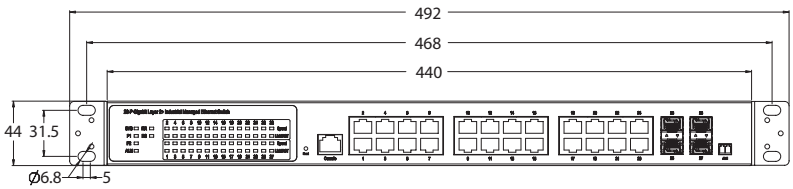
Appearance



Dimensions (Units: mm)



Right Side View



Front View

Ordering Information

FSM-6228G-AC CR	24-port 10/100/1000Base-T + 4 (100/1G) SFP L2 Managed Switch (Dual Power, DC Input)
FSM-6228G-DC CR	24-port 10/100/1000Base-T + 4 (100/1G) SFP L2 Managed Switch (DC Input)

Accessories

	SFP-1G85M-SX	Multi-mode 850 nm, 0.5 km SFP module
	SFP-1G13M-SX2	Multi-mode 1310 nm, 2 km SFP module
	SFP-1G13S-LX	Single-mode 1310 nm, 10 km SFP module
	SFP-1G13S-LX20	Single-mode 1310 nm, 20 km SFP module
	SFP-1G13S-LHX	Single-mode 1310 nm, 40 km SFP module
	SFP-1G15S-XD	Single-mode 1550 nm, 60 km SFP module