



FGSW-2620VS

24-port 10/100Mbps + 2-port Gigabit Web Smart Ethernet Switch

The PLANET FGSW-2620VS provides 24 10/100Mbps Fast Ethernet ports and 2 Gigabit 10/100/1000Mbps (port25, 26). With non-blocking 8.8Gbps backplane and simplifies the task of upgrading your LAN to cater for increased bandwidth demands.

The FGSW-2620VS Web Smart Switch is equipped with console and Web interface for efficient management. The FGSW-2620VS Web Smart Switch can be programmed for basic switch management functions such as port speed configuration, Port Trunking, VLAN, Port Mirroring, QoS, bandwidth control, Misc Configuration. The FGSW-2620VS provides port-based VLAN (supporting overlapping). The maximum number of VLAN group allowed on the FGSW-2620VS is 26 for port-based VLAN. The FGSW-2620VS supports port trunking, allowing the operation of a high-speed trunk combining multiple ports. The FGSW-2620VS provides seven groups of up to 4-ports for trunking, and it supports fail-over.

▶▶ KEY FEATURE

- ❑ Complies with the IEEE802.3, IEEE802.3u, IEEE802.3ab Gigabit Ethernet standard
- ❑ 24-port 10/100 Mbps Fast Ethernet Switch
- ❑ 2 10/100/1000Base-T Auto-Negotiation
- ❑ Each Switching ports support auto-negotiation-10/20, 100/200Mbps supported
- ❑ Auto-MDI/MDI-X detection on each RJ-45 port
- ❑ Prevents packet loss with back pressure (half-duplex) and 802.3x PAUSE frame flow control (full-duplex)
- ❑ High performance Store and Forward architecture, broadcast storm control, runt/CRC filtering eliminates erroneous packets to optimize the network bandwidth
- ❑ 6K MAC address table, automatic source address learning and ageing
- ❑ 4Mbit embedded memory for packet buffers
- ❑ Console and Web interface for Switch basic management and setup
- ❑ Support up to 26 port-based VLAN groups

▶▶ SPECIFICATION

Product	24-port 10/100Mbps +2-port 1000Base-T Web Smart Ethernet Switch
Model	FGSW-2620VS
Hardware Specification	
Fast Ethernet Ports	24 10/ 100Base-TX RJ-45 Auto-MDI/MDI-X ports
Ethernet Ports	2 fixed 10/100/1000Base-T RJ-45
Switch Processing Scheme	Store-and-forward
Address Table	6K entries
Share data Buffer	4 Mbit
Throughput (packet per second)	6,547Mpps
Switch fabric	8.8Gbps
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
Dimensions	440 x 200 x 44 mm, 1U height
Weight	2.7 kg
Power Requirement	100~240 VAC, 50-60 Hz
Power Consumption / Dissipation	30 Watts maximum / 102 BTU/hr maximum
Temperature	Operating: 0~50 degree C, Storage -40~70 degree C
Humidity	Operating: 10% to 90%, Storage: 5% to 95% (Non-condensing)
Smart function	
System Configuration	Console port and Web interface
Port Configuration	Port disable/enable
	Auto-negotiation disable/enable
	10/100Mbps full and half duplex mode selection Flow control disable/enable
Port Status	Display each port's disable/enable status, each port's link status, and speed duplex mode. Flow control status
Port Trunking	Support 7 groups of 4-port trunk support
VLAN	Maximum up to 26 VLAN groups for port-based VLAN
Port Mirroring	1 Mirroring port to monitor several mirrored ports. The monitor modes are Disable, RX, TX, TX & RX
QoS	Allow to assign low and high priority on each port
Bandwidth Control	Allow to assign rate control on each port
Standards Conformance	
Regulation Compliance	FCC Part 15 Class A, CE
Standards Compliance	IEEE 802.3 (Ethernet),
	IEEE 802.3u (Fast Ethernet)
	IEEE 802.3ab (Gigabit Ethernet)
	IEEE802.3x (Flow control) IEEE 802.1p QoS

▶▶ PRODUCT POSITIONING

- Workgroup Switch**
 With 24 10/100Mbps ports and 2 copper ports, the FGSW-2620VS provides a cost effective, high performance solution for power users.
- Department Switch**
 With its 8.8 Gigabits per second, non-blocking switch fabric, the FGSW-2620VS can easily provide a local,high bandwidth, Fast Ethernet network for your departmental backbone. Using the FGSW-2620VS, the ability to trunk up to four ports (800Mbps) to enable switch-to-switch backbone links over Cat5/5e cable plant is provided.
- MTU Switch**
 In an MTU/MDU application, the advanced functionality of the FGSW-2620VS eliminates traditional problems associated with the use of Ethernet. Users can be segregated using the built-in VLAN functionality.

▶▶ ORDERING INFORMATION

- ▶ **FGSW-2620VS** 24-port 10/100Mbps +2-port 1000Mbps Web Smart Ethernet Switch (26-RJ45)



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