



FGSW-2620PVS/FGSW-2402PVS

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

For catering to the need of remote management and in-line power, PLANET releases two new Web Smart PoE (Power over Ethernet) Switches, the FGSW-2620PVS and FGSW-2402PVS.

Inherited from PLANET FGSW-2402VVS and 2620VVSF, the PLANET FGSW-2620PVS provides 24 10/100Mbps Fast Ethernet ports and 2 fixed 10/100/1000Mbps ports (either Gigabit copper or SFP). And the FGSW-2402PVS offers 24 10/100Mbps Fast Ethernet ports with 2 open slots (port25, 26). The two open slots can be installed by optionally 10/100Base-TX port, 1000Base-T port, 100Base-FX, or 1000Base-SX/LX fiber-optic interfaces. The distance can be extended from 100 meters (TP), 2 kilometers (Multi-mode, ST or SC), up to 70 kilometers (Single-mode, SC / WDM / SFP).

Both switches are equipped with non-blocking 8.8Gbps backplane greatly simplify the tasks of upgrading your LAN to cater to increased bandwidth demands. The PoE, in-line power, following the standard IEEE802.3af, make the both switches able to power 24 PoE devices at the distance up to 100 meters through the 4-pair Cat 5/5e UTP wire.

For efficient management, the Web Smart Switch is equipped with console and Web interface and can be programmed for basic switch management functions, such as port speed configuration, Port Trunking, VLAN, Port Mirroring, QoS, bandwidth control, PoE power inject priority and Misc Configuration including IP, password settings.

The Switch provides port-based VLAN (including overlapping). The VLAN groups allowed on the switch will be maximally up to 26 for port-based VLAN. Via supporting port trunking, the Switch allows the operation of a high-speed trunk connecting to multiple ports. The Switch also provides seven groups of up to 4-ports for trunking, and it supports fail-over as well.

▶▶ KEY FEATURE

- Complies with the IEEE802.3, IEEE802.3u, IEEE802.3z and IEEE802.3ab Gigabit Ethernet standard, IEEE802.3af Power over Ethernet standard
- 24-Port 10/100 Mbps Fast Ethernet ports with PoE support
- 2 open slots for 10/100Base-TX, 1000Base-T and 100Base-FX, 1000Base-SX/LX fiber-optic interface connection varied by media and distance (FGSW-2420PVS)
- Either 10/100/1000Base-T or SFP (mini GBIC) Gigabit Ethernet for flexibility install and extension (FGSW-2620PVS)
- Each RJ-45 ports support auto-negotiation -10/20, 100/200Mbps, auto MDI detection
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
- 4 Mbit embedded memory for packet buffers
- Console and Web interface for Switch basic management and setup
- Support up to 26 port-based VLAN groups
- Support up to 7 Trunk groups, each trunk for up to maximum 4 port with 800Mbps bandwidth
- Port mirroring allows monitoring of the traffic across any port in real time
- Support QoS and bandwidth control on each port
- Power injection priority support for order of power feeding to the remote equipments

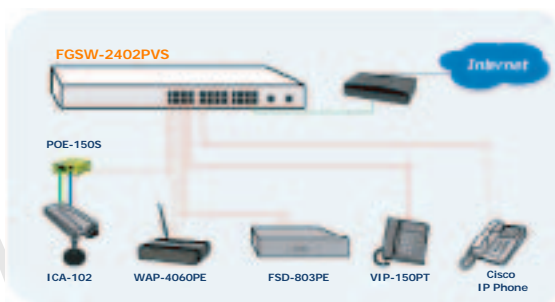
Product	24-Port 10/100Mbps/PoE + 2-Gigabit slots Web Smart Ethernet Switch/2+ VPN Firewall Router	24-Port 10/100Mbps/PoE + 2-port 1000Base-T/SFP Web Smart Ethernet Switch
Model	FGSW-2402PVS	FGSW-2620PVS
Hardware Specification		
Ports	24 10/100Base-TX RJ-45 Auto-MDI/MDI-X ports	
Module Slot	2 open slots for 10/100Base-TX, 1000Base-T and 100Base-FX, 1000 Base-SX/LX fiber-optic interface	2 fixed 10/100/1000Base-T RJ-45, SFP (mini GBIC); Either TP or SFP
PoE ports	24 (port#1 to port#24); IEEE802.3af power injection	
Switch Processing Scheme	Store-and-forward	
Address Table	6K entries	
Share data Buffer	4Mbit	
Throughput	6.6Mpps	
Switch fabric	8.8Gbps	
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex	
Dimensions	440 x 260 x 44 mm (W x D x H), 1U height	
Weight	3.2 kg	3.3 kg
Power Requirement	100~240 VAC, 50/60Hz	
Power Consumption / Dissipation	260 Watts maximum; 780 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 PoE power supply enable/disable, power feeding priority	
Port Status	Display each port's disable/enable status, each port's link status, and speed duplex mode, flow control status PoE power consumption, power injection 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 802.3z (Gigabit Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE8023x (Flow control) IEEE 802.1p QoS IEEE802.3af Power over Ethernet	

▶▶ PRODUCT POSITIONING

□ **Department/workgroup PoE Switch**

Providing up to 24 PoE, in-line power interface, the switch can easily build a power central-controlled IP phone system, IP Camera system, AP group for the enterprise. For instance, 24 cameras/AP can be easily installed around the corner in the company for surveillance demands or build a wireless roaming environment in the office.

Without the power-socket limitation, the switch makes the installation of cameras or WLAN AP more easily and efficiently.



▶▶ ORDERING INFORMATION

- ▶ **FGSW-2620PVS** 24-port 10/100Mbps/PoE + 2-port Gigabit Web Smart Switch (26-RJ45, 2-SFP)
- ▶ **FGSW-2402PVS** 24-port 10/100Mbps/PoE + 2-Gigabit slots Web Smart Switch (24-RJ45, 2 open-slot)

Available Modules for FGSW-2402PVS

- MII-SC/ST/S15** 100Base-FX Fast Ethernet Module (ST/SC, MM/SM, 2/15km)
- MII-GT** 10/100/1000Mbps Ethernet Module (RJ-45 copper)
- MII-SX/LX** 1000Base-SX Gigabit Ethernet Module (SC, SM/MM)
- MII-SA15/B15** 100Base-FX Fast Ethernet Module (SC WDM, SM, 15km; TX:1310nm/TX:1550nm)
- MII-LA15/B15** 1000Base-LX Gigabit Ethernet Module (SC WDM, SM; TX:1310nm/TX:1550nm)
- MII-SFP** 10/100/1000Base-T TP / Gigabit SFP (mini GBIC) Ethernet Module (TP/SFP)



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