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Ver. 1

Layer 2 Switching, highly affordable, entry-level managed Support. Provide 100Base-FX connectivity for medium-sized businesses and branch office networks.

Overview

The PSW Series offers 24-Port 100Base-FX POF Ethernet Switch and 2 Gigabit UTP & SFP combo ports. It supports full-duplex operations at its fiber-optic interface in the form factor of OptoLock interface. The two Gigabit UTP and SFP ports can be either 1000Base-T for 10/100/1000Mbps or 1000Base-SX/LX through SFP (Small Factor Pluggable) interface, which provide high bandwidth and performance for Ethernet up link.

PSW Series embedded web management interface. With a fixed configuration format, the PSW Series is fully plug-and-play designed to operate out-of-the-box with the minimum amount of user configuration. PSW Series is easy to use and manage, designed to increase business productivity by reliably supporting business applications.



■ Key Features

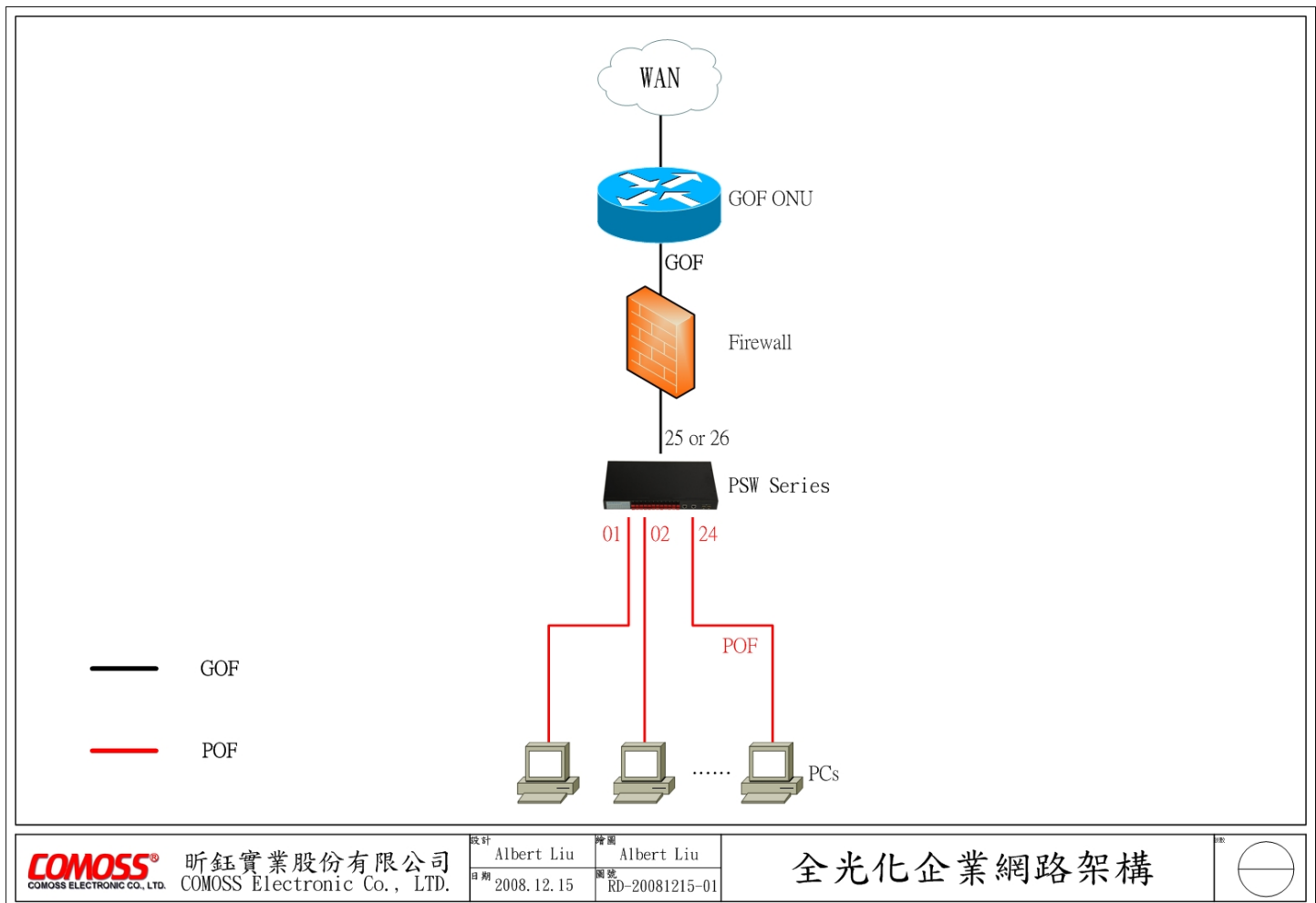
- (1) 24-Port 100Base-FX OptoLock.
- (2) 2-Port Gigabit UTP+SFP ports.
- (3) Complies with the IEEE 802.3, IEEE 802.3u, IEEE 802.3z and IEEE 802.3ab Gigabit Ethernet standard.
- (4) Auto-MDI/MDI-X detection on each RJ-45 port.
- (5) 4K MAC address table.
- (6) Port-Based VLAN and IEEE 802.1Q Tagged VLAN.
- (7) Static Port Trunk.
- (8) IGMP snooping v1 and v2 for Multi-media application.
- (9) Broadcast storm filter.
- (10) Port mirroring allows monitoring of the traffic across any port in real time
- (11) Supports QoS and bandwidth control on each port
- (12) IEEE 802.1p class of service ; support Strict and WRR mode
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- (14) MAC Address Filter
- (15) IP Address Filter
- (16) TCP/UDP Filter
- (17) Firmware upgrade by HTTP file transfer protocol through Ethernet network
- (18) Embedded web management interface.
- (19) Support plug-and-play.
- (20) EMI standards comply with FCC, CE class A.

■ **Specification**

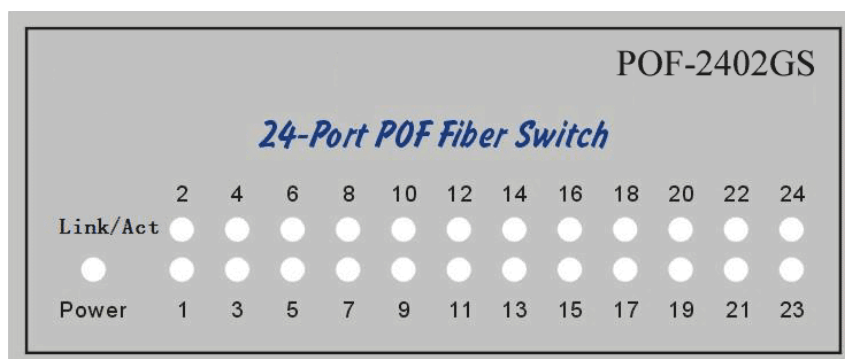
Product	POF-2402GS
Hardware Specification	
Ports	24 100Base-FX POF Optolock connector/Multi-mode (650nm wavelength)
Connector Type	OptoLock
Gigabit ports	2 Gigabit ports 1000Base-SX/LX SFP/mini-GBIC Slot, or 1000Base-T RJ-45
Switch Processing Scheme	Store-and-forward
Throughput(packet per second)	3.571Mpps
Switch fabric	4.8Gbps
Address Table	4K entries
Share data Buffer	2Mbits
Maximun Transmit Unit	1536 Bytes
Flow Control	Back pressure for Half-Duplex, IEEE 802.3x Pause Frame for Full-Duplex
Power Input	5V/4A internal AC Adapter
Dimension	19-inch, 1U Rack-mount size 440mm x 140mm x 44mm
Cabling	UTP:Cat. 5/5e/6 UTP cable 100m Fiber: Plastic Optical Fiber cable, up to 50nm 50μ, 62.5μ/125 Micron Multimode Fiber, 9μMicron Single mode Fiber
Layer 2 Function	
System Configuration	Web interface
Port Status	<ul style="list-style-type: none"> • Display per port's disable/enable status • Per Port's link status and speed duplex mode • Per Port's Flow control status
Port Configuration	<ul style="list-style-type: none"> • Per port disable/enable • Auto-negotiation disable/enable.

	<ul style="list-style-type: none"> • Flow control disable/enable • Bandwidth control on each port 														
Trunk Configuration	Support 3 groups of 4-Port trunk														
VLAN Configuration	<ul style="list-style-type: none"> • IEEE 802.1Q Tag-Based VLAN • Port-based VLAN supports maximum up to 32 VLAN groups 														
Port Monitoring	One Mirroring port to monitor one mirrored port. The monitor modes are RX, TX and RX & TX														
QoS Configuration	<ul style="list-style-type: none"> • Static port priority and IEEE 802.1p Class of Service (CoS) with 2-level priority queuing • TCP/UDP based Port QoS control 														
Multicast	IGMP Snooping v1 and v2 Up to 32 multicast groups														
Security	<ul style="list-style-type: none"> • IP Security / Filter, up to 26 rules • MAC Filter, Up to 4 entries 														
Port counters	Display detail traffic counters on each port														
Standards Conformance															
Regulation Compliance	FCC Part 15 Class A, CE RoHS														
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■ Applications



■ LED Indications



LED	Color	Status	Function
Link/Act	Green	Blink	When any FX packet is transmitting.
Power	Green	ON	Lights to indicate that the Switch has power.

■ **Order Information**

PSW –	24	X	X	X
	(1)	(2)	(3)	(4)

(1)24 POF Ports.

(2)Converter Type:

*S: SMI POF interface

*O: Optolock POF interface

(3)Diameter of Converter Type:

*0: SMI POF interface (Black color)

*1:2.2mm Optolock transceiver (Black color)

*2: 1.5mm Optolock transceiver (White color)

(4)Color of case:

*X:with black color

*Y: with white color