

Model	FGSW-1828PS
Hardware Specification	
Fast Ethernet Ports	16 10/100Base-TX RJ-45 Auto-MDI / MDI-X ports
Gigabit ports	2 Gigabit TP / SFP combo interfaces
Power over Ethernet ports	8-Port with PoE injector function (Port 1 to port 8)
Switch Processing Scheme	Store-and-Forward
Throughput (packet per second)	5.35Mpps.
Switch fabric	7.2Gbps
Address Table	4K entries
Share data Buffer	2.75Mb embedded memory for packet buffers
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
Dimensions	440 x 120 x 44 mm (1U height)
Weight	2.02 kg
Power Requirement	100-240V AC, 50-60 Hz, 1A
System operation Power Consumption / Dissipation (Full load)	21 watts / 71BTU
Temperature	Operating: 0~50 degree C Storage: -40~70 degree
Humidity Operating	5% to 90%, Storage: 5% to 90% (Non-condensing)
Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet / PSE
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 48V DC, 350mA. Max. 15.4 watts
Power Pin Assignment	1/2(+), 3/6(-)
Power Budget	110 watts
Smart function	
System Configuration	Web interface
Alert Trap	SNMP Trap for alarm notification of events
Port configuration	Port speed duplex mode selection. Flow control disable / enable. Port disable / enable. Port description on each port
Bandwidth Control	Yes, 1Mbps / 2Mbps / 4Mbps / 8Mbps / 16Mbps / 32Mbps / 64Mbps
Broadcast Storm Control	Yes, 5% / 10% / 25% / 50% / Disable
Port Statistics	Display each port's detail Ethernet traffic counter information
VLAN	16 / 18 port-based VLAN groups / 32 IEEE 802.1Q VLAN groups / MTU VLAN
Port trunking	Support 2 groups of 4-Port trunk support, up to 800Mbps bandwidth per trunk

Port Mirroring	Port mirroring allows monitoring of the traffic across any port in real time
QoS	Allow to assign low / high priority on each port. First-In-First-Out, All-High-before-Low, Weight-Round-Robin QoS policy
MAC address / TCP & UDP filter	Yes
IGMP Snooping v1 / v2	Allow to disable or enable
PoE power control	Allow to disable or enable power provision and assign priority on each PoE port
Standards Conformance	
Regulation Compliance	FCC Part 15 Class A, CE
Standards Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fst Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3z Gigabit Ethernet IEEE 802.3x Full-duplex Flow control IEEE 802.3af Power over Ethernet IEEE 802.1Q VLAN IEEE 802.1p QoS