



10-Port Gigabit Long Range PoE+ Web Smart Switch with 2 SFP Ports

GS-5208PLG V2

FEATURES

- 8 Gigabit Ethernet PoE+ ports and 2 Gigabit SFP uplink ports
- IEEE 802.3af/at PoE/PoE+ compliant
- Up to 30W per port (total power budget: 85W) for powering PoE-enabled devices
- Guaranteed PoE long distance to 200 meters
- PoE powered devices (PD) alive check to enhance the reliability of the network. If a PD fails to respond, the switch will reboot the PD
- Auto-detection of powered devices (PD) and power consumption levels
- Auto fault-detection on over/under current & voltage
- 20 Gbps Switch capacity and 14.88Mpps Forwarding rate
- 4K MAC address table and 9KB jumbo frame
- Supports QoS, 802.1Q VLAN, IPv4/IPv6, Port Trunking, Port Mirroring, IGMP Snooping v1/v2/v3, Broadcast Storm Control and etc.
- Rack-mount design, rack-mount kit included

OVERVIEW

The EDIMAX Pro GS-5208PLG V2 is a web-smart switch with 8 Gigabit PoE+ and 2 Gigabit SFP ports. Designed for medium to small network environments, its standard 19-inch 1U rack-mount brackets allow for integration with the most widely used mounting systems on the market. The Edimax GS-5208PLG V2 is a superb choice to boost your network environment's performance and efficiency.

The EDIAMX specific long-range mode enables power and data transmission to 200 meters at a speed of 10Mbps guaranteed. Tailored for IP cameras and far away network device applications. The PoE also features auto-detection and power backfeed protection to efficiently provide power and avoid damaging the PoE ports at the same time. With smart features such as PoE PD Alive Check, QoS, 802.1Q VLAN, IPv4/IPv6, Port Trunking, Port Mirroring, IGMP Snooping v1/v2/v3, the EDIMAX Pro GS-5208PLG V2 Web Smart Switch provides a cost-effective, reliable, scalable and secure switch solution for SMB networks.

Guaranteed 200 Meters | Going the Distance

While general Ethernet switches have a distance restriction of 100 meters, the GS-5208PLG V2 long-range mode provides extended power and data delivery distance to 200 meters (656 ft.) at 10Mbps full-duplex operation on a per-port basis. It's ideal for long-distance applications such as IP cameras, VoIP phones and PoE-enabled IoT devices at remote locations.

Cost-effective PoE Solution | PD Alive Check

Take advantage with a range of PoE functions that lets the GS-5208PLG V2 switch offer high-speed network connection and power supply to Powered Devices (PDs). It is an effective solution for network environments where power outlets are difficult to access saving cost and time. Moreover, the PoE PD Alive Check feature monitors real-time status of connected PDs by ping action (sending alive-checking packets). If a PD fails to respond, the GS-5208PLG V2 PoE+ Switch will reboot the PD, which enhances network reliability and reduces administration workload.

Power Backfeed Protection | Let Safety be Known

The GS-5208PLG V2 supplies up to 30W of electricity per port and has a total power supply of 85W to power any 802.3at or 802.3af compliant PoE/PoE+ device. With the power backfeed protection, the GS-5208PLG V2 can avoid the power delivery by any power sourced device to damage the PoE port.

Completed Smart Tools | Intuitive and Powerful

The switch features smart and simple network monitoring tools that allow for improving network efficiency and security. The web-based interface management features QoS (Quality of Service) bandwidth control for better traffic control, VLAN (Virtual LAN) for enhanced network security and multicast IGMP snooping v1/v2/v3 for streaming applications. For quick and easy setup, the web-based management integrates advanced management and security functions.

SPECIFICATIONS**HARDWARE**

Ports	8 x RJ45 10/100/1000Base-T Gigabit ports 2 x SFP 1000Base-X Gigabit uplinks ports
Transmission Method	Store and forward
Buttons	Reset button
LED Indicators	Per Port: Link/Act PoE: Act/Status Per Unit: Power
Power Input	100-240V AC, 50-60Hz, internal power supply
Total Power Budget	85W
Mounting	Desktop / Rack-mount (Rack-mount kit included)
Housing	Metal
Fan	Fanless
Dimensions	265 (W) x 184 (D) x 44 (H) mm
Weight	1.42kg

PERFORMANCE

Switching Capacity	20Gbps
MAC Address	4K
Jumbo Frame	9.2K Bytes
Buffer Memory	1.5Mb
Filtering/ Forwarding Rates	Max. 14.88Mpps 1000Mbps port - 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps

POWER OVER ETHERNET

Standard	IEEE 802.3af (PoE), IEEE 802.3at (PoE+)
Power Output	Up to 30W per port
Pin Assignment	1/2(+), 3/6(-) End-Span (mode A)
Management	PoE status, PoE on/off, PoE PD alive check, per port priority setting
PoE Long Range	PoE long range to 200 meters
Power Backfeed Protection	Built-in

SMART FEATURES

Quality of Service (QoS)	Port-based QoS IEEE802.1p QoS, 4 Priority Queues Scheduling algorithm
VLAN	Up to 10 VLANs 802.1Q tag-based VLAN
Port Trunk	IEEE 802.3ad LACP
Mirror	Port mirroring both on ingress and egress traffic
IGMP Snooping	IGMP v1/v2/v3 snooping Block unknown multicast traffic Multicast groups: 128
Security	Broadcast Storm control
Management	User Interface: Web-based Management User Account: Login account configuration Firmware Upgrade: Firmware Upgrade by WEB Loop Detection/Prevention

OTHERS

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3x Full-duplex and Flow Control IEEE 802.3ad LACP IEEE 802.3az Energy Efficient Ethernet IEEE 802.1Q VLAN IEEE 802.1p Quality of Service (QoS) IEEE 802.3af Power Over Ethernet (PoE) IEEE 802.3at Power Over Ethernet Plus (PoE+)
Environmental Condition	Operating Temperature: 0~50°C (32~122°F) Storage Temperature: -40~70°C (-40~158°F) Operating Humidity: 10~90% (NonCondensing) Storage Humidity: 10~90% (NonCondensing)
Certifications	FCC, CE