

Industrial 8+4 Full Gigabit Managed PoE Switch



Advanced Features

8*10/100/1000M

Port 1~2 support 24V/48V PoE (single port power MAX 30W) Port 3~4 support BT PoE (single port power MAX 90W) Port 5~8 support AT PoE

Technical Specification

Model	GNSV-PPG8S4MI
Interface	8*10/100/1000M Port 1~2 support 24V/48V PoE(single port power MAX 30W) Port 3~4 support BT PoE(single port power MAX 90W) Port 5~8 support AT PoE
Uplink Port	4*1000M SFP
Console Port	1
Reset Key	1
Environment Detection	1 Group of input detection of environment temperature and humidity
Ai Function	PoE dog auto execution when PoE is on; auto detection and fault device resetting
Function Interface (only for enhancement model)	1 switch for quick formation of ring network 2 group of independent power input, having under- and over-voltage protection 1 group of wide voltage alarm input at a range of DC5-57V 1 group of alarm output and relay output, can define various custom condition trigger 1 group of environmental temperature and humidity detection, can make real-time monitoring of the environment Real-time system of crucial voltage monitoring and alarm output function Real-time system temperature, environment temperature, humidity and alarm

	output function Real-time detection and display of input voltage, current, power Multiple custom port control and intelligent management.
Network protocol	IEEE 802.3x IEEE 802.3、IEEE 802.3u、IEEE,802.3ab、IEEE 802.3z IEEE 802.3ad IEEE 802.3q 、IEEE 802.3q/p IEEE 802.1w、IEEE,802.1d 、IEEE 802.1S IEEE 802.3z 1000BASE-X STP(Spanning Tree Protocol) RSTP/MSTP(Rapid Spanning Tree Protocol) EPPS ring network protocol EAPS ring network protocol 02.3AF/AT/HiPoE/BT, AUTO 24V/48V PSE
Port Specification	1-8 port 10/100/1000BaseT (X) auto detection AUTO-MDI/MDI-X
Transmission Mode	Store and Forward (full wire speed
Bandwidth	Switch should support minimum. Bandwidth:128Gbps
Packet Forwarding	40.32Mpps
Buffer	4.1M
Transmission Distance	10BASE-T : Cat3,4,5 UTP (≤250 meter)100BASE-TX : Cat5 or later UTP (≤100 meter)1000BASE-TX : Cat6 or later UTP (≤1000 meter) 1000BASE-SX:62.5μm/50μm MMF(2m~550m) 1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m) BIDI supported
FLASH	16M
RAM	128M
Watt	Standby power consumption: MAX 15W; full load: MAX 360W
LED Indicator	9-12:(SFP LED) PoE Port 1-2 (Green=48V ; Orange=24V) ; Link (Green=LINK LED; Port 3-8(Green=LINK LED Orange=POE LEDPWR:(Power/system LED) P1:(Master power LED) P2:(Slave power LED) HW:(Ring network ON LED)
Power Consumption	Standby power consumption≤15W,Network Full-load power consumption≤25W ; Full load power consumption≤360W
Operating Temperature/Humidity	-40~+80°C ; 10%~90% RH No coagulation
Storage temperature/Humidity	-40~+85°C ; 5%~95% RH No coagulation
Lightning Protection Level	6KV 8/20us ; 8KV ESD IP40
Installation	DIN guide rail type(additional wall hangers) Quick formation of ring network
Monitoring Platform	System temperature monitoring and alarm External temperature and humidity monitoring and alarm Input power monitoring and alarm System each channel key voltage monitoring and alarm System total current, total power monitoring and alarmAll-Port network monitoring and alarm Support one group input and output signal monitoring and alarm
Network protocol	IEEE 802.3x, IEEE 802.3、IEEE 802.3u、IEEE 802.3ab,IEEE 802.3z, IEEE 802.3ad, IEEE 802.3q、IEEE 802.3q/p,IEEE 802.1w、IEEE 802.1d、IEEE 802.1SIEEE 802.1X
MAC	Support 16K MAC address, auto aging and Learning
VLAN Configuration	Support port based VLAN Up to 4096 VLANs Support Voice VLAN, can configure Qos for voice Data 802.1Q
Spanning Tree	STP (Spanning tree protocol) RSTP/MSTP (Rapid spanning tree protocol) EPPS/EAPS(Ring network 802.1x protocol)
Port Aggregation	Support 8 groups of aggregation, each group support up to 8 ports
Port Mirroring	Support many-to-one port mirroring

Loop Guard	Support loop protection, real-time detection, quick alarm, concise location, Intelligent blocking, automatic recovery
Port Isolation	Support downlink ports isolate from each other and communicate with uplink port as well
Flow Control	Half duplex based on Back pressure; Full duplex based on PAUSE frame
Speed Limitation	Bandwidth management based on port input and output
Multicast Control	IGMPv1/2/3 and MLDv1/2 Snooping, GMRP protocol registration Multicast address management, multicast VLAN, multicast routing port, static multicast address
DHCP	DHCP Snooping
Storm Suppression	Support unknown unicast, multicast, unknown multicast, broadcast type storm suppression Storm suppression based on bandwidth adjustment and storm filtering
Security	Support User port+ IP address+ MAC address ACL based on IP, MAC Support security properties of number of MAC address based on port
QOS	802.1p port queue priority algorithm Cos/Tos, QOS remark WRR(Weighted Round Robin), weighted priority rotation algorithm WRR、SP、WFQ priority scheduling modes
Cable Sequence	Auto-MDIX; auto detection on straight-through and cross-over cable
Negotiation Mode	Port support auto negotiation function(self- negotiation transmission rate and duplex mode)
System maintenance	Upgrade package upload System log viewing WEB recovery factory configuration
PoE Function	Port switch Schedule arrangement, timing switch Voltage, current, power display System total power display and configuration PoEdog: support auto reset, timing reset and ip binding reset when device failed. Port power configuration (AF.AT HiPoE.BT) Indication of overpower Port PoE type configuration (48V/24V power supplying)
Network Management	WEB interface management CLI management based on Telnet、TFTIP、 Console SNMP V1/V2/V3 management RMONV1/V2 management RMON management

*Due to continuous product development, the specifications may change without prior notice.

**Product image(s) are for illustrative purposes only and may differ from the actual product.

For Sales ►

• Contact: 0 85888 39434

• Email: sales@globusinfocom.com



Globus Infocom Limited

A 66, Sector-4, Noida - 201301 (U.P.)

Email: info@globusinfocom.com

Website: www.globusinfocom.com

Toll Free: 1800-200-4398

