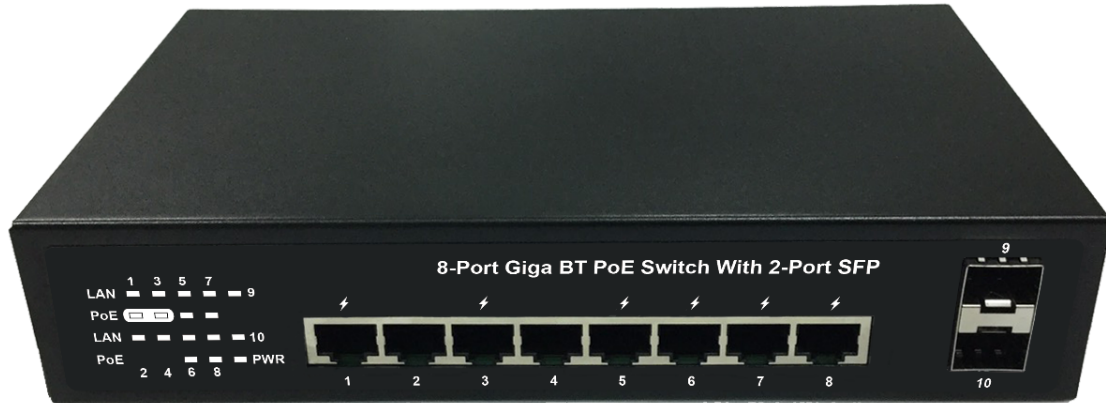




10-Port GbE Switch with IEEE 802.3bt PoE, 2-port SFP

PS1026GFB



PS1026GFB, a 10-port Gigabit IEEE 802.3bt PoE Switch, is a standard Gigabit Ethernet switch that meets all IEEE 802.3/u/x/z/ab/af/at/bt standards. The switch includes 8-Port 10/100/1000Mbps RJ-45 with 2-Port IEEE 802.3bt and 4-Port IEEE 802.3at PoE function, plus 2-Port Gigabit SFP for Fiber. It is an ideal solution for applications of high-power 90W wireless AP, 4G/5G LTE, and IP cameras, phones.

Key features

- 8 x RJ-45 ports for Gigabit Ethernet connection
- 2 x IEEE 802.3bt max. 90W per port PoE capacity, plus
- 4 x IEEE 802.3at max. 30W per port PoE capacity
- Support Jumbo Frame size up to 9KB
- 2 x Gigabit SFP for Fiber connection
- Plug and play for easy configuration

Technical Specifications

- **Standard compliance**
 - IEEE 802.3 10Base-T Ethernet
 - IEEE 802.3u 100Base-TX Fast Ethernet
 - IEEE 802.3ab 1000Base-T Ethernet
 - IEEE 802.3z 1000Base-X Ethernet
 - IEEE 802.3x Flow Control capability

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Tel:+886-3-563-2323 Fax:+886-3-563-6420



- IEEE 802.3bt/at/af Power over Ethernet

- **RoHS Compliance**
- **Performance**
 - **Switching capacity:**
 - 10 Gigabit Ethernet ports with non-blocking wire speed performance.
 - 20Gbps switch capacity
 - 8 K MAC addresses
 - Supports Jumbo frame, up to 9K

- **PoE Features**
 - 2 x IEEE802.3bt/at/af, and 4 x IEEE802.3at/af PoE PSE ports
 - Port 1, 3 with IEEE802.3bt/at/af max. 90Watt per port.
 - Port 5, 6, 7, 8 with IEEE802.3at/af max. 30Watt per port.
 - PoE-PSE activity LED indicators
 - Auto detect powered device
 - 250Watts (optional 380W) of total power budget

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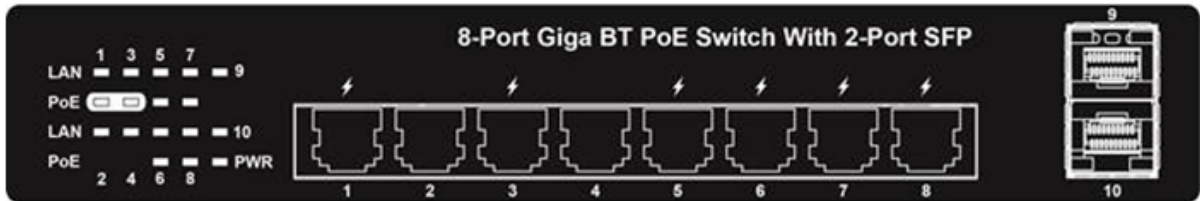
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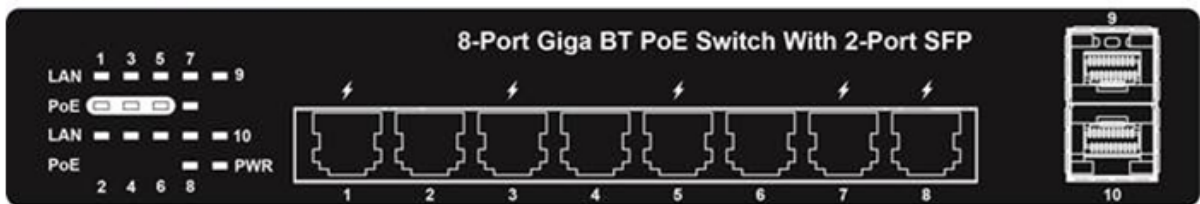


Front Panels (Optional Models)

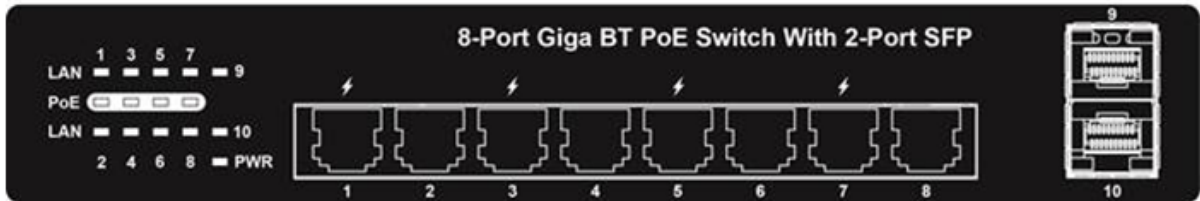
PS1026GFB Front Panel



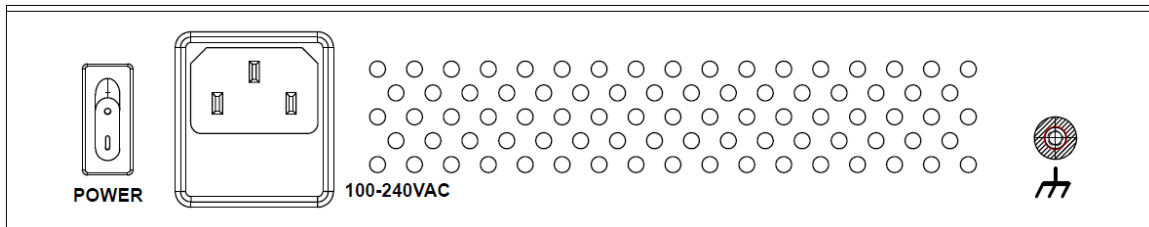
PS1026GFB-3 Front Panel



PS1026GFB-4 Front Panel



Rear Panel



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LED Descriptions

■ LED Description

LED	Color	Function
System LED		
PWR	Green	Lit when +5V power is coming up
10/100/1000 Ethernet TP Port 1 to 8 LED		
LAN	Green/ Amber	Lit Green when TP link on 1000Mbps speed Lit Amber when TP link on 10/100Mbps speed Blinks when any traffic is present
PoE	Amber	Lit when PoE Power is active (Port 1, 3 are IEEE 802.3bt/at/af for PS1026GFB.) (Port 1, 3, 5 are IEEE 802.3bt/at/af for PS1026GFB-3.) (Port 1, 3, 5, 7 are IEEE 802.3bt/at/af for PS1026GFB-4.)
1000SX/LX Gigabit Fiber Port 9, 10 LED		
LAN	Green	Lit when connection with the remote device is good Blinks when any data activity is present Off when module connection is not available

■ Network Interface

	Connector	Port
10/100/1000Mbps TP Jack (RJ-45)	TP(RJ-45)	1 to 8
1000Mbps SFP Fiber Module Auto Detection	SFP	9, 10

■ Hardware Spec.

Feature	Detailed Description	
Power Characteristics	Voltage : 100~240 VAC	
	Frequency : 50~60 Hz	
	PoE Budget	Max. 150W (for PS1026GFB-150)
		Max. 250W (for PS1026GFB-250)

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		Max. 380W (for PS1026GFB-380)
PoE Surge Protection	2KV (Optional 6KV)	
Ambient Temperature	0° to 40°C	
Humidity	5% to 90%	
Dimensions	44(H) x 220(W) x 206(D)mm	
Weight	2.3kgs (for PS1026GFB-250)	
EMI	FCC Part 15 Class B, CE	

Ordering Information:

PS1026GFB-xxx	10-Port GbE Switch (Internal 150/250/380Watt), including 2-port SFP, 2-Port IEEE 802.3bt/at/af, and 4-Port IEEE 802.3at/af
PS1026GFB-3-xxx	10-Port GbE Switch (Internal 150/250/380Watt), including 2-port SFP, 3-Port IEEE 802.3bt/at/af, and 2-Port IEEE 802.3at/af
PS1026GFB-4-xxx	10-Port GbE Switch (Internal 150/250/380Watt), including 2-port SFP, 4-Port IEEE 802.3bt/at/af
PS1026GFB-NP	10-Port GbE Switch (No built-in Power*), including 2-port SFP, and 2-Port IEEE 802.3bt/at/af, and 4-Port IEEE 802.3at/af
PS1026GFB-3-NP	10-Port GbE Switch (No built-in Power*), including 2-port SFP, and 3-Port IEEE 802.3bt/at/af, and 2-Port IEEE 802.3at/af
PS1026GFB-4-NP	10-Port GbE Switch (No built-in Power*), including 2-port SFP, and 4-Port IEEE 802.3bt/at/af

*For model of -NP which is externally powered by either DC jack or 3-pin Terminal Block for 48~56VDC, up to 10A max.



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