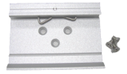
1. Package Contents

Thank you for purchasing PLANET 8-port 10/100/1000T Wall-mounted Gigabit Ethernet Switch.

In the following sections, unless specified, the term **"Wall-mount Gigabit Switch"** mentioned in this user's manual refers to the above model.

Open the box of the Wall-mount Gigabit Switch and carefully unpack it. The box should contain the following items:

The Wall-mount Gigabit Switch x 1		User's Manual x 1
		
Wall-mounted Kit x 1	Magnet Kit x 1	RJ45 Dust Cap x 8
		

Power Adapter x 1	DIN-rail Kit x 1	
		

If any item is found missing or damaged, please contact your local reseller for replacement..

2. Hardware Description

2.1 Switch Front View

The front panel of the Wall-mount Gigabit Switch consists of 8 auto-sensing 10/100/1000Mbps Ethernet RJ45 ports. The LED indicators are also located on the RJ45 ports of the Wall-mount Gigabit Switch.

■ WGS-810 Front View

Figure 2-1: WGS-810

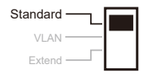
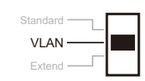
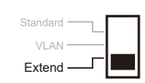
2.2 LED Indicators

■ System and Ports

LED	Color	Function	
PWR	Green	Lights to indicate that the Switch has power.	
LNK/ ACT	Green	**Lights**	To indicate the link through that port is successfully established.
		Blinks	To indicate that the switch is actively sending or receiving data over that port.

2.3 DIP Switch

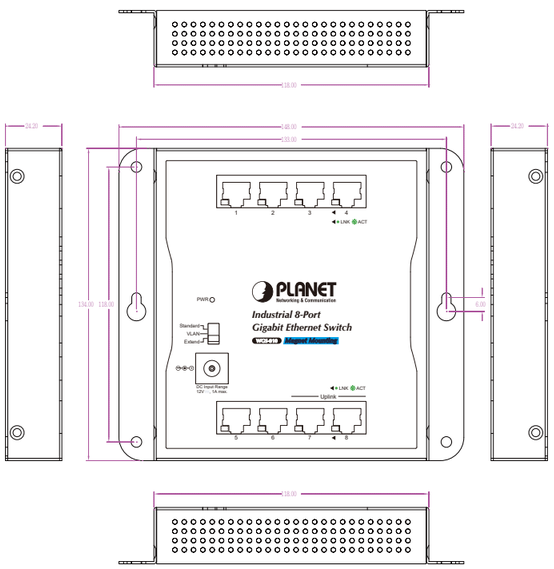
The front panel of Wall-mount Gigabit Switch provides one DIP switch for **Standard**, **VLAN** and **Extend** mode selections. The detailed descriptions are shown in the following table.

DIP Switch Mode	Function
	This mode makes the Wall-mount Gigabit Switch operate as a general switch and all ports operate at 10/100/1000Mbps auto-negotiation.
	This mode makes the Wall-mount Gigabit Switch operate as a **VLAN isolation** switch and 1. **Port 1** to **port 6** will isolate respectively. 2. Port 1 to port 6 can only communicate with **port 7 and port 8** (uplink port).
	This mode makes the Wall-mount Gigabit Switch operate as a VLAN isolation switch and 1. **Port 1 to port 6** will isolate respectively. 2. Port 1 to port 6 can only communicate with **port 7 and port 8** (uplink port). 3. Transmission distance of 250m at speed of 10Mbps.

Note	Please reboot the Wall-mount Gigabit Switch after adjusting the DIP switch.

2.4 Physical Dimensions

W x D x H: 148 x 24.2 x 134 mm

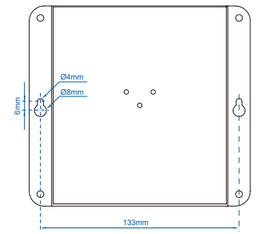


3. Installation

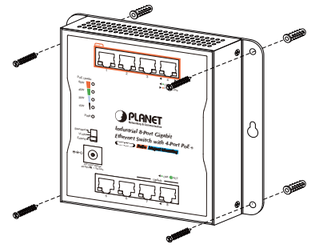
3.1 Wall-mount Installation

To install the Wall-mount Gigabit Switch on the wall, simply follow the following steps:

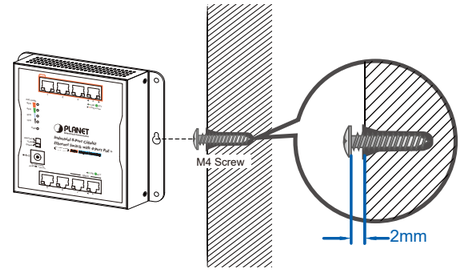
Step 1: Place the Wall-mount Gigabit Switch on the wall and mark the four holes with a pencil.



Step 2-1: Hammer the anchors provided into the four holes and use the four screws to tightly fix the switch onto the wall by screwing them.



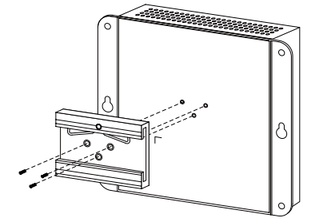
Step 2-2: Or the switch, shown in the picture below, can be hung on the wall by screwing the two screws leaving a space of 2mm apart after the anchors are hammered in.



3.2 DIN-rail Mounting Installation

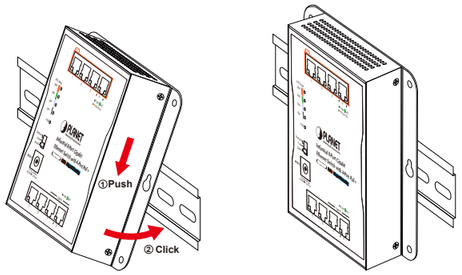
The DIN-rail kit is included in the Wall-mount Gigabit Switch package. To hang up the Wall-mount Gigabit Switch, follow the steps below:

Step 1: Screw the DIN-rail bracket on the Wall-mount Gigabit Switch.



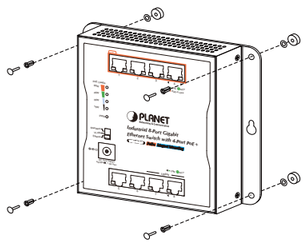
Step 2: Lightly press the bottom of DIN-rail bracket into the track.

Step 3: Check whether the DIN-rail bracket is tightly on the track.



3.3 Magnet Installation

To install the Wall-mount Gigabit Switch on a magnetic surface, simply follow the following diagram:



4. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource and User's Manual on PLANET Web site first to check if it could solve your issue. If you need more support information, please contact PLANET switch support team.

PLANET online FAQs:
https://www.planet.com.tw/en/support/faq

Switch support team mail address:
support @planet.com.tw

Appendix: Product Specifications

Model	WGS-810
Hardware Specifications	
Network Connector	8-port RJ45 for 10/100/1000BASE-T Auto-negotiation and auto MDI/MDI-X
Power Requirements	12V DC, 1A max.
Power Consumption	3 watts/10 BTU
ESD Protection	4KV DC
Surge Protection	6KV DC
DIP Switch	Selectable operation mode - Standard/VLAN/Extend
Enclosure	IP30 metal
Dimensions	148 x 24.2 x 134 mm (W x D x H)
Weight	446 g
Switch Specifications	
MAC Address Table	4K MAC address table with auto learning function
Data Buffer	64Kbytes
Switch Fabric	16Gbps
Switch Throughput	11.9Mpps@64bytes
Flow Control	Back pressure for half duplex. IEEE 802.3x pause frame for full duplex
Standard Conformance	
Standard Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet (EEE)
Regulatory Compliance	FCC Part 15 Class A, CE
Environment	
Operating	Temperature: -20 ~ 60 degrees C Relative Humidity: 5 ~ 95% (non-condensing)
Storage	Temperature: -20 ~ 70 degrees C Relative Humidity: 5 ~ 95% (non-condensing)

PLANET Networking & Communication

PLANET Networking & Communication

User's Manual

www.PLANET.com.tw

Industrial 8-Port 10/100/1000T Wall-mounted Gigabit Ethernet Switch

WGS-810

PLANET Technology Corp.
10F., No. 96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan
2350-AW1010-000

Warning:
This device is compliant with Class A of CISPR 32.
In a residential environment this device may cause radio interference.

Energy Saving Note of the Device
This power required device does not support Standby mode operation. For energy savings, please remove the DC plug or slide the hardware-based Power Switch to the OFF position to disconnect the device from the power circuit. Without removing the DC plug from or switching off the device, the device will still consume power from the power source. In view of Saving the Energy and reducing the unnecessary power consumption, it is strongly suggested to power off or to remove the DC plug from the device if this device is not intended to be active.