

Hardened PoE Switch

WI-PS206GF-I | WI-PS212GF-I

Hardware Version: V2

Overview

Wi-Tek hardened PoE switch provide 4/8 100Mbps PoE ports, 1 1000Mbps Ethernet port and 1 1000Mbps SFP slot. Professional design providing a flexible, easy to use and reliable industrial network solution. Redundant power design with polarity reverse/over-current protection, guarantee the safe power supply. Solid shell, wide operation temperature from -30°C to 65°C design, ensure its stable and reliable operation even in harsh environment.

It is the best choice for outdoor CCTV project, wireless coverage project and the project of harsh application scenarios such as factory and park.

Features

Gigabit Uplink Interfaces Design

WI-PS206GF-I:

4×10/100 Base-TX PoE ports with 1×1000 Base-T RJ45 port and 1×1000 Base-X SFP slot

WI-PS212GF-I:

8×10/100 Base-TX PoE ports with 1×1000 Base-T RJ45 port and 1×1000 Base-X SFP slot

-30~65°C Operating Temperature

-30~65°C operating temperature design, makes it meet the requirement of harsh application environment.

High Level Protection Design

6kV surge immunity, 15kV air discharge and 8kV contact discharge ESD protection design make it an ideal choice for outdoor application scenario.

Redundant DC Power Input Design

Support redundant 48-57V DC power input, provide reliable alternative power access solutions.

Multiple Smart DIP Mode

1. VLAN Mode: All downlink ports are isolated from each other, but can communicate with uplink ports.
2. PoE Watchdog Mode: All PoE ports enable PoE watchdog, which can detect and reboot the offline compliant PoE powered devices.
3. Extend Mode: The transmission distance of PoE ports can be up to 250m, but the rate is limited to 10Mbps.



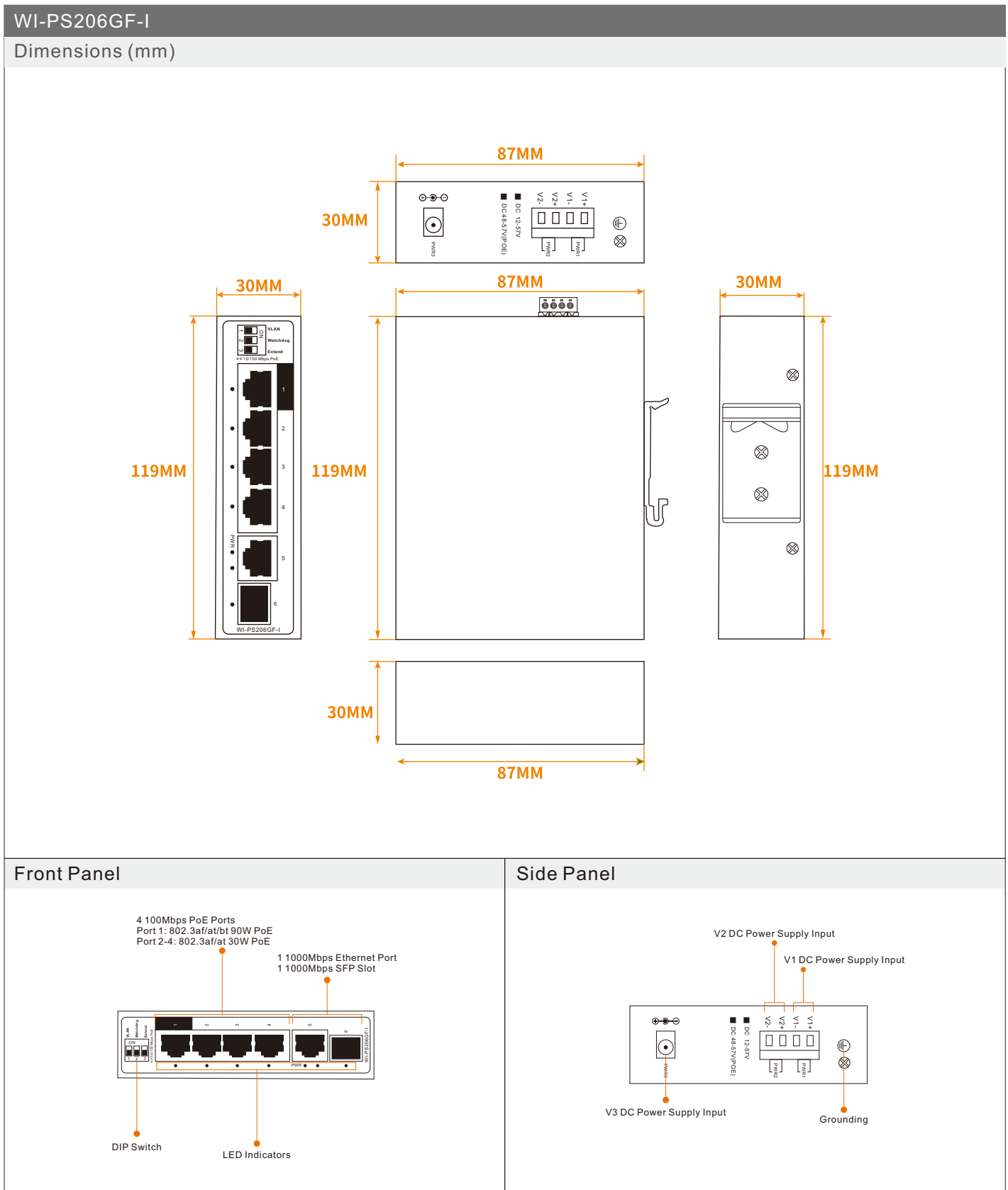
Specifications



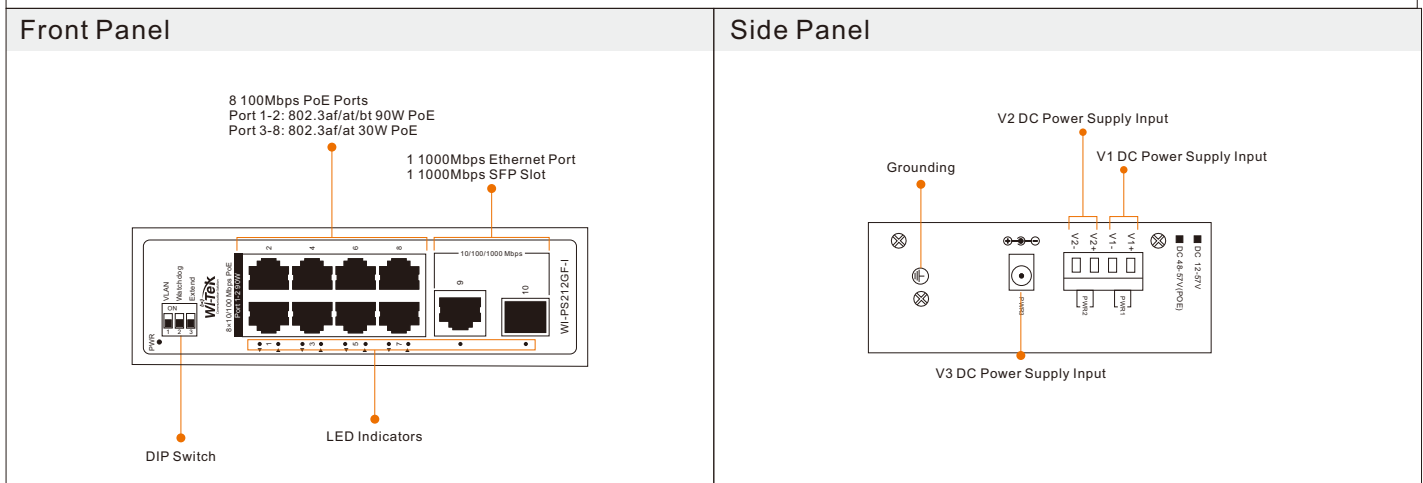
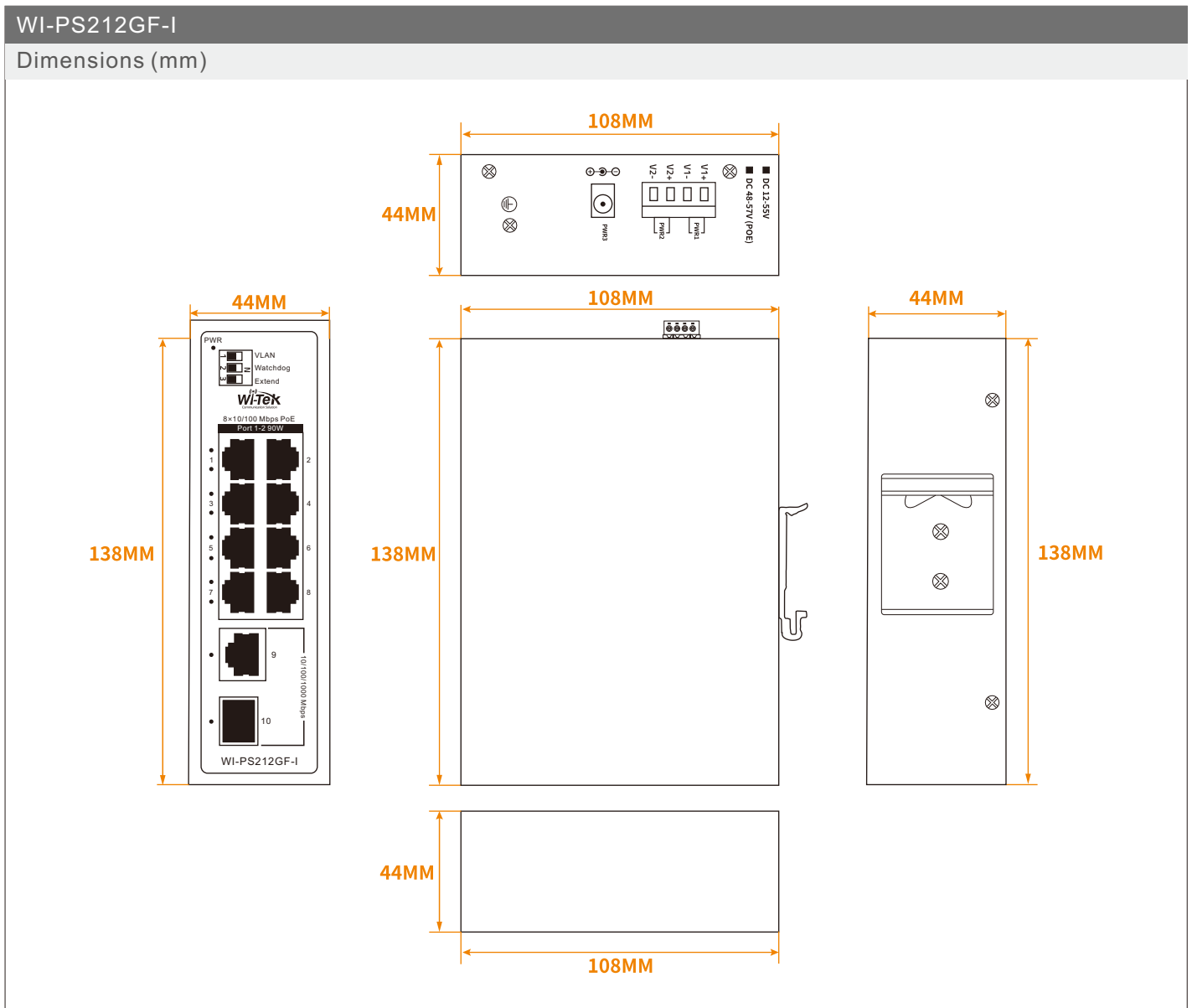
| Model | WI-PS206GF-I | WI-PS212GF-I |
|-----------------------------|---|---|
| Hardware Version | V2 | V2 |
| Interfaces | | |
| Downlink Ports | 4*10/100 Base-TX PoE RJ-45 (Auto-MDI/MDI-X) | 8*10/100 Base-TX PoE RJ-45 (Auto-MDI/MDI-X) |
| Uplink Ports | 1*1000 Base-T RJ45 1*1000 Base-X SFP Slot | |
| PoE | | |
| PoE Standard | Port 1: IEEE 802.3af/at/bt 90W PoE Port 2-4: IEEE 802.3af/at 30W PoE | Port 1-2: IEEE 802.3af/at/bt 90W PoE Port 3-8: IEEE 802.3af/at 30W PoE |
| PoE Power Supply Type | End-span and Mid-span | |
| PoE Pin Assignment | 802.3af/at: 1,2 (+), 3,6 (-) 802.3af/at/bt: 3, 6, 4, 5 (+), 1, 2, 7, 8 (-) | |
| PoE Power Output | 46~56V DC | |
| PoE Power | 180W max | 360W max |
| Switch Property | | |
| Standards | IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet IEEE 802.3at Power Over Ethernet Plus IEEE 802.3bt Power Over Ethernet Plus Plus | |
| Forwarding Modes | Store and Forward | |
| Packet Buffer | 1Mbit | |
| MAC Table | 8K | |
| Switching Capacity | 4.8Gbps | 5.6Gbps |
| Packet Forwarding Rate | 3.57Mpps | 14.9Mpps |
| Jumbo Frame | 9216bytes | |
| Power Supply | | |
| Input Voltage | Power 1,2,3 : 48~57V DC (PoE Switch), 12~48V DC (Non-PoE Switch) | |
| Power Consumption | Full loading without PoE ≤ 5W PoE power budget ≤ 180W | Full loading without PoE ≤ 8W PoE power budget ≤ 360W |
| Reverse polarity protection | Support | |

| | | |
|---------------------------|--|---|
| Environmental Reliability | | |
| Protection | Surge Immunity: 6kV/2kV | |
| | ESD Protection: 8kV contact discharge/ 15kV air discharge | |
| Operating Temperature | -30°C~65°C | |
| Storage Temperature | -40°C~85°C | |
| Operating Humidity | 5%~95% (Non-condensation) | |
| LED Indicators | | |
| P (Power indicator) | Off: the device is power off or failed Green On: the device power on is normal | |
| Link | Off: port link down On: ports link up Blinking: data on TX/RX | |
| Uplink | 5-6 uplink ports Off: port link down Green On: port link up Green Blinking: data on TX/RX | 9-10 uplink ports Off: port link down Green On: port link up Green Blinking: data on TX/RX |
| Dimensions (W*D*H) | 119*87*30mm | 138*108*44mm |
| Net Weight | | |
| Installation | Desktop/DIN-rail/wall mounting | |
| Certifications | | |
| Certifications | CE, FCC, RoHS | |

Appearances and Dimensions



Appearances and Dimensions



Package Content

Welcome to order our products. After purchasing, you will receive:

| Items | Quantity |
|--------------------------|----------|
| Hardened PoE Switch | 1 pcs |
| Wall- mounting Accessory | 1 pcs |
| Power Adapter | 1 pcs |
| AC Power Cord | 1 pcs |
| Quick Installation Guide | 1 pcs |



Wireless-Tek Technology Limited

Address: Biaofan Technology Building 402, Bao'an street,
Baoan District, Shenzhen City, Guangdong, China

Website: www.wireless-tek.com

Tel: 86-0755-32811290

Email: sales@wireless-tek.com

Technical Support: tech@wireless-tek.com



Technical Support



Cloud Management



Company Website