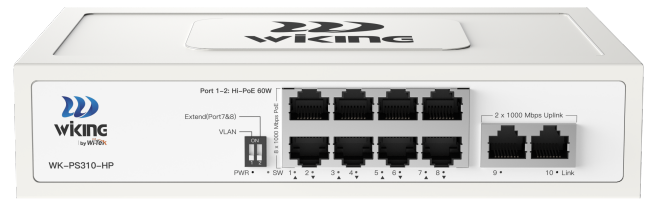


1000Mbps PoE Switch

WK-PS310-HP



Overview

The WK-PS310-HP 1000Mbps PoE switch features 8 1000Mbps PoE ports and 2 1000Mbps Ethernet ports, with specific ports delivering up to 60W of power to reliably support high-power devices. It offers an affordable PoE solution that powers your CCTV network and other IP-based devices at distances of up to 250 meters—breaking through traditional PoE distance limitations. With support for VLAN, Extend, and Independent PD Alive functions enabled via smart DIP switches, it adds significant value for basic networking needs. This switch helps you build a versatile and dependable CCTV network solution.

Features

PoE 250m Long Distance to Extend Network

DIP switch provides Extend Mode. All PoE ports can transmit data and power up to 250 meters. No further hardware or configuration is necessary, easy-to-use, and cost-saving. Perfect for surveillance camera deployment in large areas.

Smart PoE Watchdog to Detect and Reboot Offline PD Device

All PoE ports enable PD Alive function, which can detect and reboot the offline compliant PoE powered devices.

Up to 60W Hi-PoE Output

Data transmission and 60W high-power supply are completed simultaneously via a single Ethernet cable, making the deployment of IP cameras more convenient and reliable.

Port Isolation to Prevent Broadcast Storm

With VLAN Mode, all PoE ports can only communicate with uplink ports. Avoid data leakage between each port and prevent broadcast storms from disabling the network.

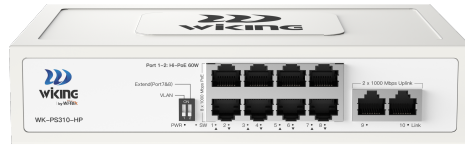
Plug and Play, No Configuration Required

No professional expertise is needed—even non-technical users can easily deploy the network.

Fanless Design

Fanless design, to provide you with a quiet working environment, suitable for office, hotel and other application scenarios.

Specifications

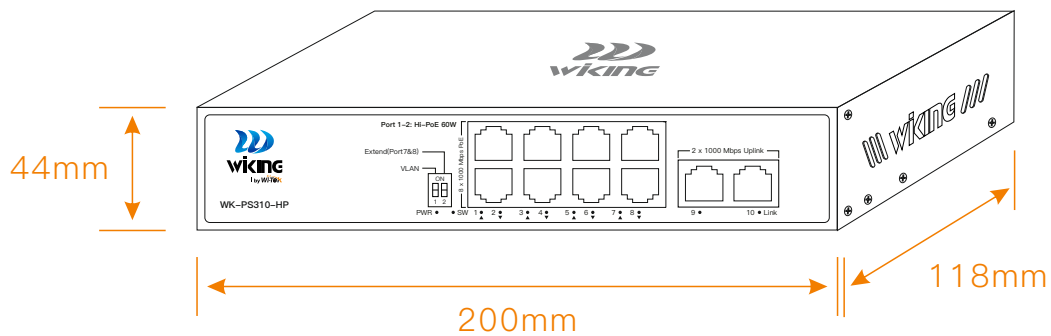


| | |
|-------------------------|--|
| Model | WK-PS310-HP |
| Hardware Specifications | |
| Interfaces | |
| Downlink Ports | 8*10/100/1000Mbps RJ45 PoE Ports |
| Uplink Ports | 2*10/100/1000Mbps RJ45 Ports |
| PoE | |
| PoE Port | Port 1-8 |
| PoE Standard | Port 1-2: Hi-PoE 60W Port 3-8: 802.3af/at |
| PoE Pin Assignment | 1/2(+), 3/6(-) |
| PoE Power Budget | 110W |
| Switch Property | |
| Standards and Protocols | IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3af IEEE 802.3at |
| Forwarding Mode | Store and Forward |
| Switching Capacity | 20Gbps |
| Packet Forwarding Rate | 14.88Mpps |
| MAC Address Table | 2K |
| Packet Buffer Memory | 3Mbit |
| Jumbo Frame | 15KB |
| Power Supply | |
| Input Power | 100-240V AC 50/60Hz |
| Power Consumption | Idle: 10W 100% Traffic Rate with PoE: 120W |

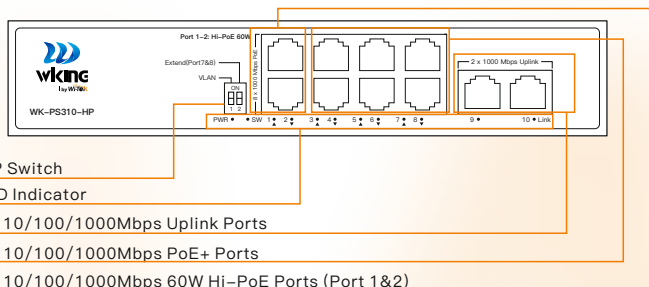
| | | |
|--------------------------------|---|---|
| Model | | WK-PS310-HP |
| Physical Characteristics | | |
| LED Indicator | <p>PWR: (Green) Solid on: The system power supply is normal Off: The system power supply is abnormal</p> <p>Link: (Green) Solid on: A link has been established on the interface Blinking: Data is being transmitted or received on the interface Off: No link is established on the interface</p> <p>SW: (Green) Solid on: VLAN mode, Extend mode and PD Alive mode enabled Blinking: Extend mode(or VLAN mode) and PD Alive mode enabled Off: Default disable VLAN mode, Extend mode and PD Alive mode</p> | |
| Fan Quantity | Fanless | |
| Switch Dimensions (W x D x H) | 200*118*44mm | |
| Package Dimensions (W x D x H) | 240*210*70mm | |
| Weight | Net Weight: 0.801kg Package Weight: 1.083kg | |
| Material | Iron | |
| Installation | Desktop, Wall-mount | |
| Button | | |
| DIP Switch | <p>VLAN Enable VLAN and PD Alive mode. All downlink ports are isolated but can communicate with uplink ports. All PoE ports enable the PD Alive mode to detect and reboot the offline-compliant PoE-powered devices.</p> <p>Extend Enable Extend and PD Alive mode. The transmission distance of port 7&8 can be up to 250m, but the rate is limited to 10Mbps. All PoE ports enable the PD Alive mode to detect and reboot the offline-compliant PoE-powered devices.</p> | |
| Environmental | | |
| Reliability | Surge Immunity | IEC 61000-4-5 Common mode ±4kV Differential mode ±2kV |
| | ESD Protection | IEC 61000-4-2 Contact discharge ±6kV Air discharge ±8kV |
| Operating Environment | 0°C to 40°C(14°F to 131°F), 10%~90% RH no condensation | |
| Storage Environment | -40°C to 70°C(-40°F to 158°F), 5%~95% RH no condensation | |
| Certification | CE, FCC, RoHS, UKCA, RCM | |

WK-PS310-HP

Dimensions (mm)

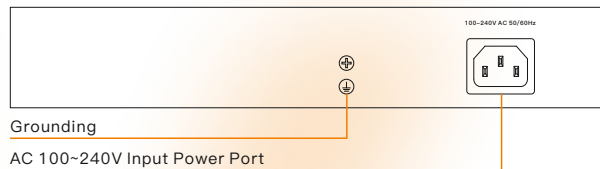


Front Panel



- DIP Switch
- LED Indicator
- 2 * 10/100/1000Mbps Uplink Ports
- 6 * 10/100/1000Mbps PoE+ Ports
- 2 * 10/100/1000Mbps 60W Hi-PoE Ports (Port 1&2)

Rear Panel



- Grounding
- AC 100-240V Input Power Port

Package Contents

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

| Items | Quantity |
|--------------------------|----------|
| Switch | 1 pcs |
| AC Power Cord | 1 pcs |
| Quick installation Guide | 1 pcs |



Wireless-Tek Technology Limited

Address: Building 3, Units 1801-1807, 1812, Huaqiang Era Plaza, Tangwei Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, 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