

**In this newsletter
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- WI-CGS5328-L3 • WI-CPE110-KIT • WI-CPE517 V2 • WI-CPE800-KIT V2
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Centralized Cloud
Management



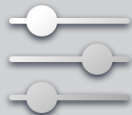
Layer-3 Routing
Protocol



12M Large Buffer
Memory



10 G High-Speed
Uplink Interface



Flexible QoS

WI-CGS5328-L3



Up To

4

*10G SFP+ Slots

Up To

8

* Gigabit Combo Ports

Up To







16

* Gigabit SFP Slots

Wi-Tek L3 Managed **Cloud** Switch provides a more efficient, simple, secure, and easy-to-use remote management method, facilitating the convenience of management and maintenance. Wi-Tek L3 Managed Cloud Switch supports intelligent deployment, automatic networking configuration, abnormal alarms, and other functions. As **Layer 3** Cloud Switch, it supports **Static Routing** and provides complete security policies, **QoS** policies, and diversified **VLAN** functions. Based on Wi-Tek L3 Managed Cloud Switch's features, it is applied in enterprises, communities, hotels, office networks, and campus networks, which can ensure highly efficient network operation.

WI-CPE110-KIT

Wi-Tek Wireless Transmitter specializes in **rural** internet access, long-distance wireless data **transmission**, wireless **coverage extension**, and other industrial wireless solutions. It is widely used in various fields of communication.

-  Cloud Management
-  Pre-configuration
-  PTP/PTMP
-  24V Passive PoE/12V DC
-  65° Antenna Angel
-  2.4 GHz

2.4GHz 300Mbps 1 km
Outdoor Wireless
Transmitter



● Typical Scenario



Mine



Scenic spots



Cargo berth



Peaceful villages and towns



Petroleum chemical



Forest fire prevention












Construction cranes



Highway tunnel

WI-CPE517 V2

The CPE517 is designed to provide a **highly stable, better-performing, cost-effective** wireless solution in outdoor wireless deployment. With the same transmission power, it offers a better **significant range** and **excellent throughput** than the traditional 802.11n wireless device.

 Cloud Management	 IP65 Enclosure	 PTMP
 24V PoE Input	 Antenna Angel	 5 GHz
 Qualcomm	 300Mbps	 5 Km

5km Long-range Outdoor Wireless Transmitter












● What's the difference

Model	WI-CPE517	
Version	V1	V2
Hardware		
Wi-Fi Standards	IEEE 802.11 a/n	IEEE 802.11 a/n
Frequency	4920-6100MHz	5150MHz-5850MHz
Data Speed	300Mbps	300Mbps
Antenna	16dBi	16dBi
Transmit Power	27dBm	27dBm
Power Supply	24V Passive PoE Adapter	24V Passive PoE Adapter
Software		
Wireless Mode	AP,Client	Basic Station/CPE/Repeater/WISP
Cloud Management	No	Yes
ONVIF	No	Yes

WI-CPE800-KIT V2

Adopting an excellent **5GHz** single-band chip solution, WI-CPE800-KIT offers high transmit rate up to **867Mbps**, which improves the efficiency of data transmission.

 Cloud Management	 IP65	 PTP/PTMP
 10/100/1000Mbps	 12dBi Directional Antenna 2x2 MIMO	 5 GHz
 PoE In	 867Mbps	 5 Km



High-Speed Long-Range Outdoor Wireless Transmitter

● High-Speed

Wireless speed can be up to 867Mbps with **802.11ac** Built-in 12dBi **2x2** dual-polarized directional **MIMO** antenna.












● Long-Range

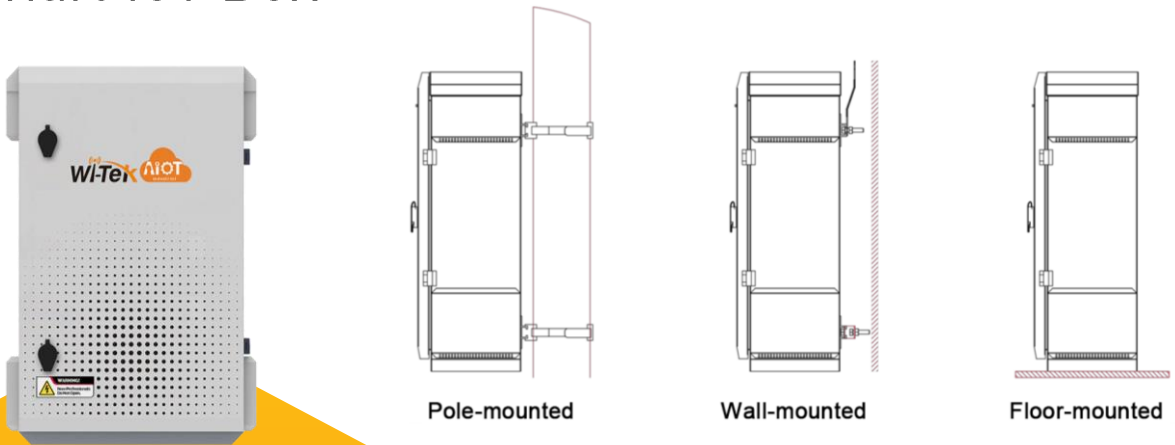
With high-performance **12dBi** Directional Antenna, WI-CPE800-KIT can provide long-distance wireless network transmission up to **5km**, making it an idea choice for outdoor wireless network transmission.

WI-IOTBOX03

Wi-Tek's Smart **IoT** Box is an **all-weather outdoor** electrical equipment protection box. It is waterproof, dustproof, heat dissipation, anti-ultraviolet, anti-theft, anti-rust, acid and anti-corrosion, anti-electromagnetic interference (anti-lightning EMP), modular structure design in the box.

 Lightning Protection	 IP66	 Heat Dissipation
 Dustproof	 Firm Structure	 Anti-corrosion
 Modular Installation	 Anti-theft	 3 Installation Methods

Smart IoT Box



Pole-mounted

Wall-mounted

Floor-mounted

● Typical Scenario

Electrical equipment can be installed vertically or horizontally according to the situation. Work with Wi-Tek Industrial Switch, 4G Cat6 LTE CPE, Solar UPS PoE Switch, Industrial IoT M2M Gateway, and Mesh AP can fit your **CCTV/WLAN Wi-Fi Coverage/Industrial IoT Application** requirements. Flexible modular installation can decrease your project deployment cost.



Even more #Wi-Tek Tips

Wi-Tek
Communication Solution

CCTVMode for Longer Distance + Port VLAN

- ✓ Unboxing
- ✓ Configuration
- ✓ Application

Default 100 Meters

Extend 250 Meters

(Note: The image shows a Wi-Tek device and a camera against a cityscape background.)

Wi-Tek
Communication Solution

Industrial Cloud Managed Switch

Smarter and easier master industrial network.

- ✓ Unboxing
- ✓ Configuration of ERPS
- ✓ Application

(Note: The image shows a rack-mounted switch with various management icons below it.)

Outdoor Waterproof PoE Switch

Wi-Tek
Communication Solution

- ✓ Unboxing
- ✓ Configuration
- ✓ Application

(Note: The image shows a white outdoor PoE switch mounted on a pole with cameras.)

Wi-Tek Long-Range Wireless Transmitter

WI-CPE800-KIT

- ✓ Unboxing
- ✓ Configuration
- ✓ Application

(Note: The image shows two white wireless transmitters against a farm background.)

Wi-Tek
Communication Solution

5Km Cloud Outdoor Wireless Transmitter for CCTV

5.8GHz 300Mbps 13dBi

- ✓ Introduction
- ✓ UPS PoE Switch
- ✓ M20 Gateway
- ✓ TBT Box
- ✓ Outdoor IoT Solution

(Note: The image shows a complex outdoor wireless transmitter setup with a cityscape background.)

Wi-Tek
Communication Solution

5Km Cloud Outdoor Wireless Transmitter for CCTV

5.8GHz 300Mbps 13dBi

- ✓ Unboxing
- ✓ Configuration
- ✓ Application

Model: WI-CPE513P-KIT

(Note: The image shows two white wireless transmitters.)

And there's way more where that came from, so don't forget to subscribe to our [YouTube channel!](#)

CPSE 2023 (THE 19TH CHINA PUBLIC SECURITY EXPO)

In October 2023, Wi-Tek participated in the biennial CPSE 2023 (THE 19TH CHINA PUBLIC SECURITY EXPO) This expo involves AI, big data, cloud computing, 5G, and other technologies, covering digital security, digital transportation, digital justice, digital urban management, digital parks/communities, digital government affairs, digital education, digital health care, digital countryside, digital culture, and tourism, etc. More than 60,000 digital city industry products are expected to be unveiled in application scenarios. 4 days, 110,000 square meters, more than 1,100 companies and more than 1,263 people from more than 150 countries and regions around the world form the world's most influential smart security exhibition.

At this exhibition, Wi-Tek showcases the latest products and solutions, providing opportunities for communication and cooperation for businesses and professionals in the industry. Meet face-to-face with industry experts and professionals and find potential business partners.



As a partner, Wi-Tek is committed to innovation and development, constantly introducing high-quality products and services. We will continue to showcase our latest solutions and innovative products at today's exhibition. We will demonstrate their outstanding performance, reliability, and practicality to meet your needs. In addition to product showcases, Wi-Tek also provides comprehensive consultation and answer services. The professional team is dedicated to answer any questions and share our accumulated experience and insights into the industry.

We value communication and collaboration with our customers. Therefore, we encourage you to discuss in-depth with our team and share your needs and feedback. We will listen to your ideas to meet your expectations and provide customized solutions. We look forward to explore the latest trends and opportunities in the industry. Let us embark on a journey of better cooperation together!

