

Wireless Long-Range Transmit for CCTV IP Camera

WI-CPE515H-KIT | WI-CPE511H-KIT

Overview

Wireless Transmitter is equivalent to a network cable, transmitting network signals via wireless way. It uses wireless communication technology to transmit network data using air as a medium to carry out long-distance point-to-point or point to multi-point interconnection.

Wi-Tek Wireless Transmitter is specialized for 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.

Features

Wi-Tek Cloud Management

Wi-Tek Cloud's quick installation and configuration provide reliable performance, visual management, and remote access to enable companies to focus on growing their business.

Environmental Adaptability

Wiring is a difficulty in some application scenarios, such as an elevator. The network cables for CCTV cameras suffer daily wear with the rises and descends between floors. Wi-Tek's CCTV wireless transmitter can solve this difficulty and ensure the stable operation of a monitoring system.

Cost-Efficiency

Compared with wired CCTV network, it saves cables and converters, reduces the working time, breaks the 250 meters limit of Ethernet cable. Wireless CCTV system is easy to maintain and add devices into existing system.

Professional Outdoor Design

Equipped with an IP65 waterproof enclosure and high-quality hardware design, it can work in various weather conditions, such as sunshine, rainfall, or extremely low/high-temperature environment.

Easy to Setup

No need for software settings, once power-up, auto-connect for the PTP application. Its LED Display can show working status/channel and recognize each other automatically.



Specifications



| Model | WI-CPE515H-KIT | WI-CPE511H-KIT |
|--------------------------|---|---|
| Hardware Version | V1 | V1 |
| HARDWARE FEATURES | | |
| Interface | (2)10/100M Base-T LAN Ethernet ports | (2)10/100M Base-T LAN Ethernet ports |
| Signal Rate | 300 Mbps at 5GHz | 900 Mbps at 5GHz |
| Operating Band | 802.11a/n: 5.150~5.850GHz | 802.11a/n/ac: 5.150~5.850GHz |
| Antenna Type | Built-in 16dBi Directional Antenna | Built-in 12dBi Directional Antenna |
| Power Supply | 24V Passive PoE Adapter | 24V Passive PoE Adapter |
| Power Consumption | ≤6W | ≤7W |
| Transmit Power | ≤27dBm (500mW) | ≤20dBm (100mW) |
| Recommend Distance | 8km | 3km |
| Antenna Angle | 60° | 60° |
| External Buttons | reset button (long press for 5 seconds to restore the factory default configuration) | reset button (long press for 5 seconds to restore the factory default configuration) |
| Protection | 4kV ESD Protection 2kV Lightning Protection | 6kV ESD Protection 2kV Lightning Protection |
| Waterproof | IP65 | IP65 |
| Dimensions | 200mm x 200mm x 130.5mm | 168mm x 88mm x 47.6mm |
| Package Contents | 2 x CPE 2 x 24V Adapter 2 x Accessory Set 1 x Quick Installation Guide | 2 x CPE 2x 24V Adapter 2 x Accessory Set 1 x Quick Installation Guide |
| Environment | Working Temp: -33~ 65°C Storage Temp: -50 ~80°C Working Humidity: 5%~95% (non-condensing) | Working Temp: -33~ 65°C Storage Temp: -50 ~80°C Working Humidity: 5%~95% (non-condensing) |
| SOFTWARE FEATURES | | |
| Operating Modes | Base Station / CPE / Repeater / WISP Mode | Base Station / CPE / Repeater / WISP Mode |
| Wireless Security | WPA-TKIP / WPA2-AES, WPA/WPA2-Enterprise | WPA-TKIP / WPA2-AES, WPA/WPA2-Enterprise |
| Wireless Parameter | Selectable Channel Width: 20/40MHz Automatic Channel Selection Tx Power Control | Selectable Channel Width: 20/40MHz Automatic Channel Selection Tx Power Control |
| System Tools | Speed Test, Ping, Traceroute | Speed Test, Ping, Traceroute |
| Management | Support local management with web Support remote management with Wi-Tek Cloud platform | Support local management with web Support remote management with Wi-Tek Cloud platform |



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Technical Support



Cloud Management



Company Website