

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/ac: 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 (200mW)
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