

Wireless Long-Range Transmit for CCTV IP Camera

WI-CPE111-KIT | WI-CPE513P-KIT | WI-CPE900-KIT | WI-CPE523P | WI-CPE517 | WI-CPE521

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 designed 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 quick installation and configuration provide reliable performance, visual management and remote access to enable companies to focus on growing their business.

(WI-CPE513P-KIT V3 and WI-CPE111-KIT V2 support)

Environmental Adaptability

Wiring is a difficulty in some application scenarios, such as 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 monitoring system.

Cost-Efficiency

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

Professional Outdoor Design

Equipped with 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 software setting, once power up, auto-connect for PTP application. Its LED Display can show working status/channel and recognize each other automatically.



Specifications



| HARDWARE FEATURES | WI-CPE111-KIT | | WI-CPE513P-KIT | | WI-CPE900-KIT | WI-CPE517 | WI-CPE521 |
|--|--|---|--|---|--|---|---|
| Hardware Version | V1 | V2 | V2 | V3 | V1 | V1 | V1 |
| Interface | 1 10/100BASE-TX Ethernet Interface | 2 10/100BASE-TX Ethernet Interface | 2 10/100BASE-TX Ethernet Interface | | 1 10/100/1000 PoE Interface | 2 10/100BASE-TX Ethernet Interface | 1 10/100BASE-TX Ethernet Interface |
| Power Supply | 24V Passive PoE Adapter Included | | 48V 802.3af/at PoE PoE Adapter Included | 48V 802.3af/at PoE PoE Adapter Included | 24V Passive PoE PoE Adapter Included | 24V Passive PoE PoE Adapter Included | 24V Passive PoE PoE Adapter Included |
| Power Consumption | 4W | | | | 8W | | |
| Package Dimension | 265×215×60 mm | 250×200×950 mm | 340×220×95 mm | 340×220×95 mm | 430×430×140 mm | 500×155×95 mm | 645×105×85 mm |
| CPE Dimension | 105 ×160 ×40 mm | 165×90×37 mm | 90×260×30 mm | 90×260×30 mm | Diameter 400 mm | 380×150×75 mm | 555×75 mm |
| Gross Weight | 0.8kg | 1kg | 1.6kg | 1.6kg | 2.4kg | 1.55kg | 1.55kg |
| Net Weight | 0.45kg | 0.5kg | 0.8kg | 0.8kg | 1.4kg | 0.9kg | 0.75kg |
| Antenna Type H (Horizontal) V (Vertical) | Built-in 8dBi Dual-pol Antenna Beam Width: 60°(H-Pol)/15°(V-Pol) | | Built-in 13dBi Dual-pol Antenna Beam Width: 60°(H-Pol)/15°(V-Pol) | | Built-in 25dBi Dual-pol Antenna Beam Width: 8°(H-Pol) /8°(V-Pol) | Built-in 16dBi Dual-pol 150degree Sector Antenna Beam Width: 150°(H-Pol) /15°(V-Pol) | Built-in 12dBi Dual-pol 360degree OMNI Antenna Beam Width: 360°(H-Pol) /11°(V-Pol) |
| Protection | 6kV ESD Protection 10kV Lightning Protection | | | | | | |
| Enclosure | Outdoor UV Stabilized Plastic IP65 Waterproof Design | | | | | | |
| WIRELESS FEATURES | | | | | | | |
| Wireless Standards | IEEE 802.11b/g/n | | IEEE 802.11a/n | | IEEE 802.11ac | IEEE 802.11a/n | IEEE 802.11a/n |
| Proprietary Protocol | CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP | | | | CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, TDMA | | |
| Wireless Mode | AP, Client | Repeater/Basic Station/CPE/WISP | AP/Client | Repeater/Basic Station/CPE/WISP | AP, Client | | |
| Wireless Speeds | Up to 300Mbps | | Up to 300Mbps | | Up to 900Mbps | Up to 300Mbps | Up to 300Mbps |
| Channel Width | 20/40 MHz | | 20/40/80 MHz | | | | |
| Frequency | 2300-2700MHz | 2412-2484MHz | 5150-5825MHz | | 4920-6100MHz | | |
| Transmission Power | 20dBm(100mW) | | 27dBm(500mW) | | | | |
| Recommend Distance | 2km | | 3km | 5km | 10km | 5km | 2km |
| SOFTWARE FEATURES | | | | | | | |
| Security | WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) Encryption, 64/128/152-bit WEP Encryption | | | | | | |
| Services | Web Server, SNMP, SSH Server, Telnet, Ping Watchdog, DHCP, NAT, Bridging, Routing | | | | | | |
| Utilities | Automatic Channel Selection Transmission Power Control Dynamic Frequency Selection (DFS) WDS Enable/Disable | Automatic Channel Selection Transmission Power Control | Automatic Channel Selection Transmission Power Control Dynamic Frequency Selection (DFS) WDS Enable/Disable | Automatic Channel Selection Transmission Power Control | Automatic Channel Selection Transmission Power Control Dynamic Frequency Selection (DFS) WDS Enable/Disable | | |
| Distance Adjustment | Distance/ACK Timeout Setting | | | | | | |
| WEB management | Yes | | | | | | |
| Cloud Management | N/A | Yes | N/A | Yes | N/A | | |
| System-level Optimizations | Optimized IGMP Snooping/Proxy for multicast applications, Hardware watch dog | | | | | | |
| OTHERS | | | | | | | |
| Certification | CE | | | | | | |
| Package Contents | 2×CPES 2×PoE Adapters 2×Pole Mounting Kits 1×Quick Installation Guide | | 2×CPES 2×PoE Adapters 2×UTP Cable 2×Pole Mounting Kits 1×Quick Installation Guide | | 2×CPES 2×PoEAdapter 2×PoleMountingKit 1×QuickInstallationGuide | 1×CPE 1×PoEAdapter 1×PoleMountingKit 1×QuickInstallationGuide | 1×CPE 1×PoEAdapter 1×PoleMountingKit 1×QuickInstallationGuide |
| Environment | Working Temp: -40 ~ 70°C Storage Temp: -40 ~85°C Working Humidity: 10%~95% Non-condensing | | | | | | |



Wireless-Tek Technology Limited

Address: Biaofang 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