5GHz 867Mbps 5km Long-range

Outdoor Wireless Transmitter

WI-CPE800-KIT   Hardware version: V3

New Upgrade: Higher antenna gains for more cameras loading at 5km!

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

Easy to Setup

No software setup is required, and once powered on, the PTP application is connected automatically. The DIP switch and reset button can help with quick pairing.

Ultra-bandwidth

Offer ultra-bandwidth wireless up to 867Mbps by adopting excellent 5GHz solution, and 1000Mbps RJ45 port, greatly improves the efficiency of data transmission.

Long-Distance Data Transmission up to 5km

Provide long-distance wireless network transmission up to 5km with a high-performance 15dBi Directional Antenna, making it an ideal choice for outdoor wireless network transmission.

PTP/PTMP

Support two networking modes, PTP (point to point) and PTMP (point to multi-point), which flexibly suiting for different outdoor network solutions.

Multiple Power Supply Modes

Support IEEE 802.3af PoE and 12V DC power supply, which can be flexibly installed according to the application scenarios.

Wi-Tek Cloud Management

Wi-Tek Cloud's quick installation and configuration provide reliable performance, visual management, and remote access which is easy to operate and maintain.

Specifications

Products	WI-CPE800-KIT
Hardware version	V3
Hardware Features	
Interface	1*10/100/1000Mbps PoE IN RJ45 port 1*10/100/1000Mbps RJ45 port
Frequency Range	5.150 ~ 5.850GHz (Channel 36~64, 100~144, 149~165) *Please follow national regulations to select the appropriate frequency.
Compliant Standards	IEEE 802.11a/n/ac
Maximum Wireless Rate	867Mbps@5GHz
Antenna Gain	Build-in 15dBi directional antenna
Half Power Beamwidth (Typ.)	Horizontal: 33°, Vertical: 33°
Transmit Power	24dBm max. (adjustable)
Recommended Distance	5km
LED Indicator	1*Power indicator, 1*WAN port indicator, 1*LAN port indicator, 1*Wi-Fi indicator, 4*Signal indicators
DIP Switch	H: Base station mode, supports wireless point-to-point and point-to-multipoint long-distance transmission. C: CPE mode, a receiving point for connecting a wireless base station.
RST button	Short press: Search for another wireless transmitter on a different mode (H/C status) and pair each other. Long press over 5 seconds: Restore the factory default configuration.
Power Supply	PoE IN: IEEE 802.3af
Power Consumption	<12W
Dimensions	260*88*56mm
Weight	0.42kg*2
Package Dimensions	339*218*98mm
Package Weight	1.62kg
Installation	Wall/Pole mounted
Material	Outdoor UV Stabilized Plastic
Reliability	
ESD Protection	Air discharge: ±8kV, Contact discharge: ±4kV
Lightning Protection	4kV
Operating Environment	-40°C to 70°C, 5%~95% (non-condensation)
Storage Environment	-40°C to 70°C, 5%~95% (non-condensation)
Ingress Protection	IP65

Software Features

Products	WI–CPE800–KIT
Hardware version	V3
Software Features	
System Status	System information, Wireless information, Radio status, Flow Chart, Wireless Terminal Station
Operating Mode	Base Station, CPE Repeater, WISP Mode (Switch the paring mode to control by web)
WAN Configuration	Dynamic IP, Static IP
Wireless Configuration	Wireless enable/disable, Hide SSID Wireless Security: OPEN, WPA–TKIP, WPA2–AES, WPA/WPA2–Mixed, WPA–Enterprise, WPA2–Enterprise
Radion Parameter	WMM, Weak Signal Rejection Threshold, Wireless Channel, Tx Power Control Channel Bandwidth: Auto/20/40/80MHz
Advanced	Wi–Fi Connection Filter, Speed Test, Ping Watchdog, Scheduled Reboot, NTP, Ping, Traceroute
Management	Local WEB management, Remote Wi–Tek Cloud management

Package Content

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

Item	Quantity
Wireless Transmitter	2 pcs
48V PoE Adapter	2 pcs
RJ45 Cable	2 pcs
Metal Tie Accessory	2 pcs
Quick Installation Guide	1 pcs

CE FC RoHS UK CA

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