Datasheet

Wireless Long–Range Transmit for CCTV IP Camera

WI–CPE800–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

High speed

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

802.af/at PoE Power Supply

The RJ45 LAN port not only serves as the role of transmitting data but also provide 48V PoE power output via one RJ45 cable, saving the layout space and the installation cost.

Long–Distance Data Transmission up to 5km

With high–performance 12 dBi 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.

PTP/PTMP

WI–CPE800–KIT supports two networking modes– PTP(point–to point) and PTMP(point to multi–point),which flexibly suiting for different outdoor network solution.

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.

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.

Specifications

Model	WI–CPE800–KIT
Hardware Version	V2
HARDWARE FEATURES	
Interface	1*10/100/1000 Base–T LAN Ethernet port
Signal Rate	867 Mbps at 5GHz
Operating Band	802.11 a/n/ac: 5.15~5.85GHz
Antenna Type	Build–in 12dBi Directional Antenna
Power Supply	12V DC / 48V (802.3af)PoE
Power Consumption	6.5W
Transmit Power	≤800mW(29 dBm)
Recommended Distance	5km
Antenna Angle	45°
External Buttons	reset button:long press for 5 seconds to restore the factory default configuration
Protection	8kV ESD Protection
Waterproof	IP65
Dimensions	177*80*65mm
Package Dimension	284*252*107mm
Package Contents	2 x CPE 2 x Accessory Set 1 x Quick Installation Guide 2 x 48V Adapter 2 x RJ45 Cables
Environment	Working Temp: –30~60℃ Storage Temp: –40~85℃ Working humidity: 5%–95%(non–condensing) Storage Humidity 5— 90% RH non–condensing
SOFTWARE FEATURES	
Operating Modes	Base Station/CPE/Repeater/WISP Mode
Wireless Security	WPA–TKIP/WPA2–AES,WPA/WPA2–Enterprise
Wireless Parameter	Selectable Channel Width: 20/40/80MHz Automatic Channel Selection Tx Power Control
System Tools	Speed Test,Ping,Traceroute
Management	Support local management with web Support remote management with Wi–Tek Cloud Platform

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