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IP-COM ILBE-M5 outdoor long range Point to Point CPE 5GHz 11AC 433Mbps, 23dBi, 20km (alt.Tenda O8)

Šifra: 11775
Kategorija prozivoda: Mrežna oprema
Proizvođač: IP-COM

Cena: 7.100,00



Wavebeam M5 5GHz 23dBi ipMax ac Outdoor CPE is designed to PtP&P2MP solutions for video surveillance transmission and wireless broadband access. Adopts of 11ac technology to deliver a high wireless rate for better performance. It features with 23dBi vertical polarization directional antenna to provide an efficient way to pick up and maintain a stable long range connection.
20+km transmission Range
Wavebeam M5 adopts of independent external power amplifier and 23dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network up to 20km.

ipMAX--IP-COM TDMA proprietary protocol
ipMAX is IP-COM TDMA (Time Division Multiple Access) proprietary protocol to improve performance and capacity for wireless P2MP outdoor application scenarios.

In outdoor enviroment, the CPE use highly directional antennas to connect to the Basestation from distances that can span several kilometers. the CPE can't sense each other, they become "hidden nodes" and cannot coordinate access to the wireless channel. Thus the Basestation experiences frequent collisions from stations transmitting simultaneously. As the network scales, these collisions build up exponentially, increasing latency and lowering throughput.

With ipMAX, it coordinate all the data transmission and allocates time to active clients to provide greater noise immunity performance when compared to the conventional 802.11 CSMA/CA (Carrier Sense Multiple Access / Collision Avoidance) protocol.

iLink--Auto-bridge Technology Enable it To Easy Setup
iLink is IP-COM proprietary auto-bridge technology. It enables the CPE or basestation in factory default settings connect to each other automaticaly after the device is powered on. It is very useful for the person who is not familiar with network knowledge, especilly for for CCTV surveillance transmission application.

Professional Outdoor Design
Equipped with IP65 waterproof enclouse and high quality hardware design, Wavebeam M5 can work in various weather conditions, such as sunshine, rainfall or extremely low/high temperature environment

Easy to Setup and Manage
Wavebeam M5 comes with a centralized management software that helps users easily to manage all the devices in the network from a single PC-CPE Controller.

Multiple Application Scenarios

Long-Distance Wireless Connection
One work as AP mode and another work as Station mode to create a long distance wrieless connecton for video surveillance and data transmission.

WISP(Client+Router) Mode
Wirelessly connect to WISP station/hotspot to share Internet to local wireless and wired network.

Dimensions: 391.5*280*223mm
Deployment: Pole Mount

Application Scenarios: PtP and PtMP wireless connection for Privated ISP access or CCTV Surveillance
Hardware Features
Frequency Range: 5GHz
Compliant Standards: IEEE 802.11a/n/ac
Private TDMA Protocol: ipMAX
Maximum Wireless Rate: 433Mbps
Interfaces: 1*10/100Mbps Ethernet Port
Antennas Gain: 23dBi
Antenna Beamwidth: Vertical Azimuth: 10° Veritcal Elevation: 10°
Reset Button: 1
Power Consumption: 5.5W
Waterproof Level: IP65
LED indicator: PoE/LAN,LED1,LED2,LED3
Power Method: 12V1A Passive PoE
Lightning Protection: 6000V
Passive PoE: Passive power over ethenet via PoE/LAN (+4,5pins; -7,8pins)
Voltage range: 9-31V DC
Receiver sensitivity: 11a 6Mbps -95dBm±1.5dBm
11n MCS7 HT20 -72dBm±1.5dBm
11ac MCS9 HT80 -64dBm±1.5dBm
Software Features
Operating mode: AP/Station/WISP/P2MP/WDS Repeater/Router
Enable/Disable Wireless Radio: Support
SSID Hidden: Support
Wireless Client isolation: Support
AP SSID Lock: Support
SSID Isolation: Support
Channel Bandwidth: 20/40/80MHz
Client Limitation For SSID: Support
Wireless Access Control: Support
Weak Signal Client Limitation: Support
Transmission Power: Adjustable power by 1dBm
WMM Capable: Support
APSD Capable: Support
Wireless Security: 64/128 WEP,WPA-PSK,WPA2-PSK,WPA&WPA2-PSK,WPA,WPA2
Transparent Bridge: Support
VLAN Tagging for SSID: Support
DHCP Server: Support
VPN Pass-Through: PPTP,L2TP
Remote Web access: Support
Schedule Reboot: Support
Page Timeout: Support
Ping Watchdog: Support
Dyndns noip, dyndns.org
Network Diagnoses: Ping, Traceroute, Signal Scan
Time&Date Setting: Support
Firmware upgrade: Support
Backup/Restore Configuration: Support
Username Managerment: Support
System Log: Support
Managed By Controller PC Software -- CPE Controller
Others
Package Contents 1*5GHz 23dBi ipMAX ac Outdoor CPE iLBE-M5V1.0
1*Power Adapter
1*PoE Injector
1*Quick Installation Guide
Operating Temperature -30? ~ 60?
Storage Temperature -40? ~ 70?
Operating Humidity 10%~90% non-condensing
Storage Humidity 10%~90% non-condensing

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.