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

Šifra: 11774
Kategorija prozivoda: Mrežna oprema
Proizvođač: TENDA

## Cena: 7.100,00



O8 5GHz 11ac 23dBi outdoor CPE is designed to PtP and PtMP solutions for privated ISP wireless connectivity, CCTV surveillance and data transmission. It features with 23dBi directional vertical polarization antenna to provide an efficient way to pick up and maintain a stable long-distance connectivity up to 20km. Adopt of auto-bridging technology, two CPE can connect to each other automatically to make it easy to setup.

- 5GHz 11ac 433Mbps
- One fast ethernet port
- 23dbi directional antenna
- IP65 weatherproof enclosure
- 6000V Lightning Protection
- AP,Station,WISP operating mode supported
- 50 meters passive PoE supply for flexible deployment

20+km transmission Range
O8 adopts of the independent power amplifier and 23dBi vertical polarization directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network up to 20km.

6000V Surge Protection Design
O8 adopts of 6000V ethernet port surge protection design, It can be more robust in the thunder season.

Easy to Assemble and Install
O8 adopts of three-axis alignment, it is easy to assemble in seconds – no tools needed. Only a single screw driver is required for pole-mounting.

TD-MAX-Tenda TDMA proprietary protocol
TD-MAX is Tenda TDMA (Time Division Multiple Access) proprietary protocol to improve performance and capacity for wireless WISP outdoor application scenarios. In the outdoor environment, the CPE uses 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 TD-MAX, it coordinates 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.

Channel shift to avoid interferrence
O8 provides the Channel Shift feature to offset the central frequency 5MHz upper. It can avoid interference from nearby AP and deliver higher throughput.

CPE Assistant-Centralized Management Platform
O8 equipped with centralized management software that helps users easily manage all the devices in their network from a single PC - CPE Assistant. Functions like device discovery, status monitoring, firmware upgrading, and network maintenance can be managed using CPE Assistant.

Long-Distance Wireless Connection

One works as AP mode and another works as Station mode to create a long distance PtP wireless connection for private ISP wireless connectivity, CCTV surveillance and data transmission.

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

Dimension 391.5*280*223mm
Deployment Pole Mount
Application Scenarios PtP and PtMP wireless connection for Privated ISP access or CCTV Surveillance

Frequency Range 5GHz
Compliant Standards IEEE 802.11a/n/ac
Maximum Wireless Rate: 433Mbps
Interfaces: 1*10/100Mbps Ethernet Port
Antenna Polarization: Vertical Polarization
Antennas Gain: 23dBi
Antenna Beamwidth: Vertical: 10° Elevation: 10°
GND /
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: 9-35V DC
Reception Sensitivity
11a 6Mbps -95dBm±1.5dBm
11n MCS7 HT20 -72dBm±1.5dBm
11ac MCS9 HT80 -64dBm±1.5dBm

Software
TDMA: Support
Operating mode: AP/Station/WISP/P2MP/WDS Repeater/Router
Enable/Disable Wireless Radio: Support
SSID Hidden: Support
Wireless Client isolation: Support
SSID Isolation: Support
Channel Bandwidth: 20/40/80MHz
Channel Shift: 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
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: Support
Firmware upgrade: Support
Backup/Restore Configuration: Support
Username Managerment: Support
System Logs: Support
Managed By Controller: PC Software -- CPE Assistant

Package Contents
1*5GHz 23dBi 11ac Outdoor CPE O8
1*Power Adapter
1*PoE Injector
1*Quick Installation Guide
Operation 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.