

TENDA O4 OUTDOOR LONG RANGE POINT TO POINT CPE 5GHZ 300MBPS, 14DBI, 5KMNaziv: TENDA O4 OUTDOOR LONG RANGE POINT TO POINT
CPE 5GHZ 300MBPS, 14DBI, 5KM

Šifra: #BM346901739880730020

Barkod: 6932849429701

Proizvođač: TENDA

Detalji

Kategorija: RUTERI

Oznake: NOVO

NEMA NA STANJU

Atributi:

CenaCena sa PDV: 8,089.36 RSD *WEB CENA
8,898.30 RSD *Cena za odloženo web plaćanje**Ostalo**

Opis: 5km Point to Point Outdoor CPEO4 5GHz Long Range Outdoor CPE is designed to WISP CPE solutions and long distance wireless network solutions for video surveillance and data transmission. It features with 14dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network. Adopt of auto-bridging technology,two CPE can connect to each other automatically to make it easy to setup.O4 adopts of independent power amplifier and 14dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network up to 5km.Super channel-Extended FrequencyO4 adopt of Qualcomm AR9344 chipset and special software mechanism optimization for radio driven architecture to offer extended frequency support. This feature is designed to help users get out of the congested, unlicensed 5GHz band and into clean spectrum.TD-MAX-TendaTDMA proprietary protocolTD-MAX is Tenda TDMA (Time Division Multiple Access) proprietary protocol to improve performance and capacity for wireless WISP 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 TD-MAX, 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.

10/20/30/40MHz Channel Bandwidth for better throughput

O4 apply special optimization in software for register parameter to deliver 10/20/30/40MHz channel bandwidth option. It provides extra 10MHz and 30MHz channel bandwidth option to consumize according to applycation scenarios.

When you choose 30MHz channel bandwidth option, it can increase throughput for noisy environments. When you choose 10MHz channel bandwidth option, it can increase the number of available, non-overlapping channels, so networks can scale better.

Channel shift to avoid interference

O4 provide Channel Shift feature to offset the central frequency 5MHz upper. It can avoid interference from nearby AP and deliver higher throughput.

Dimension 270*94.86*67.5mm

Deployment Pole Mount/Wall Mount

Application Scenarios: PtP and PtMP wireless connection for Privated ISP access or CCTV Surveillance

Frequency Range 5GHz

Compliant Standards IEEE 802.11a/n

Maximum Wireless Rate 300Mbps

Interfaces 1*10/100Mbps Ethernet Port

Antenna Polarization: Dual Polarization

Antennas Gain 14dbi

Antenna Beamwidth: Horizontal: 30° Vertical: 30°

GND 1*GND

1*Reset Button

Power Consumption 8.5W

Waterproof Level IP65

LED Indicator PoE/LAN, LED1, LED2, LED3

Power Method 24V0.5A

Passive PoE

Lightning Protection 6000V

Passive PoE

Passive power over ethenet via PoE/LAN (+4,5pins-7,8pins)

Voltage range: 21-25V DC

Reception Sensitivity 11a 6Mbps -96dBm±1.5dBm

11n MCS0: -96±1.5dBm

11n MCS7: -72±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: 10/20/30/40MHz

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&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: 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 11n 14dBi 300Mbps outdoor CPE

O4 1*PoE Power Adapter 1*Power cord 1*Quick Installation Guide

Operation Temperature -30? ~ 60?

Storage Temperature -40? ~ 70?

Operating Humidity 10%~90% non-condensing

Storage Humidity 10%~90% non-condensing

Default login IP 192.168.2.1

Default Login Username: admin

Default Login Password: admin

Certification: FCC/CE/RoHS