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Tenda O4 outdoor long range Point to Point CPE 5GHz 300Mbps, 14dBi, 5km

Šifra: 11780
Kategorija prozivoda: Mrežna oprema
Proizvođač: TENDA

Cena: 7.430,00



5km Point to Point Outdoor CPE O4 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 Frequency
O4 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 protocol
TD-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 interferrence
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

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.