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## Tenda O2 outdoor long range Point to Point CPE 5GHz 300Mbps, 12dBi, 2km

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Šifra: 37155

Kategorija proizvoda: Ruteri

Proizvođač: TENDA



**Cena: 5.123 rsd.**

### 2km Point to Point Outdoor CPE

O2 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 12dBi 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.

### 2km+ Transmission Range

O2 adopts of independent power amplifier and 12dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network up to 2km.

### Super Channel-Extended Frequency

O2 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 environment, 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

O2 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 consumed according application 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.

Dimensions(L\*W\*H) 193.5\*80\*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