

Tenda



All for better networking.

O1

500m outdoor point to point CPE



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What it does

O1 2.4GHz Outdoor CPE is designed to WISP CPE solutions and long distance wireless network solutions for video surveillance and data transmission. It features with 8dBi 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.

Highlight

- * 2.4GHz 11n 300Mbps
- * 8dbi directional antenna
- * IP64 waterproof enclosure
- * AP,Station,WISP operating mode supported
- * Up to 30 meters of flexible deployment with included PoE Injector

Main Features

Auto-bridge For Two Device

O1 adopts of auto-bridge technology,two cpe can connect to each other when you power on them face to face. It is very easy to setup.

8dBi Directional Antenna

O1 integrates with a 8dBi directional antenna to provide an optimized transmission quality.

Professional Outdoor Design

Equipped with IP64 waterproof enclouse and high quality hardware design, O1 can work in various weather conditions, such as sunshine, rainfall or extremely low/high temperature environment

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.

Smart Signal Indicator LED

Three signal LED Lights represent the currently signal strength that O1 receives from peer device.It is helpful to find the right location to deploy the device and achieve a better performance.

Easy to Manage

O1 comes with a centralized management software that helps users easily to manage all the devices in the network from a single PC-CPE Assitant.

Specifications

Product Information	
Model	O1
Dimensions	190.35*80*67.5mm
Deployment	Pole Mount
Application Scenarios	Long range video surveillance,data transmission and WISP CPE
Hardware Features	
Frequency Range	2.4GHz
Maximum Wireless Rate	300Mbps
Waterproof Level	1*10/100Mbps PoE/LAN Port
Antennas Gain	8dbi
Antenna Beamwidth	Horizontal: 60° Vertical: 30°
Reset Button	1
Max Power Consumption	2.6W
Waterproof Level	IP64
LED indicator	PoE/LAN,WiFi,LED1,LED2,LED3
Power Method	DC or Passive PoE
Passive PoE	Passive power over ethernet via PoE/LAN (+4,5pins; -7,8pins) up to 30 meters
Input Voltage range	9-12V DC
Receiver sensitivity	MCS0: -92dbm
	MCS7: -72dbm
Software Features	
Operating mode	AP/Station/WISP
Compliant Standards	IEEE 802.11b/g/n
Enable/Disable Wireless Radio	Support
SSID Hidden	Support
Wireless Client isolation	Support
SSID Isolation	Support
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

Specifications

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 Management	Support
System Log	Support
Managed By Controller	PC Software -- CPE Assitant
Others	
Package Contents	1*500m Outdoor point to point CPE
	1*Power Adapter
	1*PoE Injector
	2*Plastic Staps
	1*Quick Installation Guide
Operating Temperature	-30°C ~ 55°C
Storage Temperature	-30°C ~ 70°C
Operating Humidity	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing
Default IP	192.168.2.1
Default Login Username	admin
Default Login Password	admin
Certifications	FCC/CE/RoHS

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Declaration of Conformity (No. TWQ1801)

SHENZHEN TENDA TECHNOLOGY CO., LTD., registered at Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China.

Declares under our sole responsibility that the product:

Product Name: 500m Outdoor Point to Point CPE

Model No.: O1

To which this declaration relates is in conformity with the following normative European and International standard(s):

Health & Safety (Directive 2014/53/EU Art. 3(1)(a))

- EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013; EN 50385: 2017 (MPE); EN 50581: 2012 (RoHS)

EMC (Directive 2014/53/EU Art. 3(1)(b))

- EN 301 489-1 V2.2.0 (2017-03); EN 301 489-17 V3.2.0 (2017-03); EN 61000-3-2: 2014; EN 61000-3-3: 2013

Radio Spectrum (Directive 2014/53/EU Art. 3(2))

- EN 300 328 V2.1.1 (2016-11)

By conformance with the standard(s) referenced, this product follows the provisions of the directives listed below:

- Radio Equipment Directive 2014/53/EU; RoHS Directive 2011/65/EU



Person is responsible for marking this declaration:

张翔

Zhang Xiang



Sales manager of international business

Date: 2018-4-3

ΕΥ Δήλωση Συμμόρφωσης (NoTWQ1801)

Η SHENZHEN TENDA TECHNOLOGY CO., LTD., που εδρεύει στον Πύργο Ε3,
No.1001, Zhongshanyuan δρόμο, περιοχή Nanshan, Shenzhen, China.

Εμείς, ως κατασκευαστής, δηλώνουμε με αποκλειστική μας ευθύνη ότι το προϊόν

Όνομα προϊόντος: 500m Outdoor Point to Point CPE

Μοντέλο: O1

Έκδοση Προγράμματος: V1.0.0.7

Το οποίο αφορά η παρούσα δήλωση είναι σύμφωνο με τα ακόλουθα κανονιστικά
Ευρωπαϊκά και Διεθνή πρότυπα (α):

Υγεία & Ασφάλεια (Οδηγία 2014/53/EU Art. 3(1)(a))

EN 62368-1: 2014+A11: 2017; EN 50385: 2017 (MPE); EN 50581: 2012 (RoHS)

EMC (Οδηγία 2014/53/EU Art. 3(1)(b))

EN 301 489-1 V2.2.3 (2019-11); EN 301 489-17 V3.2.4 (2020-09);

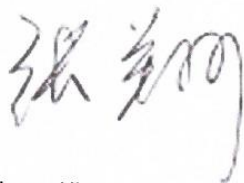
Φάσμα Ραδιοσυχνότητας (Οδηγία 2014/53/EU Art. 3(2))

EN 300 328 V2.2.2 (2019-07)

**Σύμφωνα με τα αναφερόμενο(α) πρότυπα, αυτό το προϊόν ακολουθεί τις διατάξεις των
οδηγιών που αναφέρονται παρακάτω:**

Οδηγία για Ραδιοεξοπλισμό 2014/53/EU; RoHS Οδηγία 2011/65/EU, κατ' εξουσιοδότηση
οδηγία της Επιτροπής (ΕΥ) 2015/863

Υπογράφηκε για λογαριασμό και εξ' ονόματος της: SHENZHEN TENDA TECHNOLOGY CO.,LTD.



Zhang Xiang

Υπεύθυνος πωλήσεων διεθνών επιχειρήσεων

Τόπος έκδοσης: Shenzhen, China
Ημερομηνία έκδοσης: 2020-10-30

