

O3

Tenda O3 5km Point to Point Outdoor CPE

Product Overview

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Specifications

Overview:

O3 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 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.

Features:

- 2.4GHz 11n 150Mbps
- 12dbi directional antenna
- IP64 waterproof enclosure
- 6000V Lightning Protection
- AP,Station,WISP operating mode supported
- Up to 60 meters of flexible deployment with included PoE Injector

5km+ transmission Range

O3 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 5km.

Auto-bridge For Two Device

O3 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 for CCTV surveillance and data.

Smart Signal Indicator LED

3 signal LED Lights represent the currently signal strength that O3 receives from peer device.It is helpful to find the right location to deploy the device and achieve a better performance.

Professional Outdoor Design

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Product Specification Sheet

Equipped with IP64 waterproof enclose and high quality hardware design, O3 can work in various weather conditions, such as sunshine, rainfall or extremely low/high temperature environment.

Long-Distance Wireless Connection

One work as AP mode and another work as Station mode to create a long distance wireless connection 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.

P2MP Link

Link multi AP in a network, all the associated client can communicate with each other.

Easy to Setup and Manage

O3 comes with a centralized management software that helps users easily to manage all the devices in the network from a single PC-CPE Assistant.

Specifications:

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Specifications

Product Code	O3
Mode	O3
Dimension	270*94.86*67.5mm
Deployment	Pole Mount
Application Scenarios	WISP CPE, Data transmission and Long range video surveillance
Frequency	2.4GHz
Maximum wireless speed	150Mbps
Interface	2*10/100Mbps Ethernet Port
Antenna	12dbi
Antenna Beamwidth	Horizontal: 60 degrees
	Elevation: 30 degrees
Reset Button	1
GND Terminal	1
Power Consumption	4.3W
Waterproof Level	IP64
LED indicator	PoE/LAN, LED1, LED2, LED3
Power Method	12V1A Passive PoE
Lightning Protection	6000V
Passive PoE power supply	Passive power over ethernet via PoE/LAN (4, 5pins -7, 8pins)
	Voltage range: 11-13.8V DC

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Product Specification Sheet

Reception Sensitivity	MCS0: -96dbm
	MCS7: -72dbm
Operating mode	AP/Station/WISP/P2MP/WDS Repeater/Router
Standard&Protocol	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
Transmit 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
Transmission Media	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&Date Setting	Support
Firmware Upgrade	Support
Backup/Restore Configuration	Support
Username Managerment	Support
Syslog	Support
Managed By Controller	PC Software -- CPE Assistant
Package Content	1*5km Point to Point Outdoor CPE
	1*Power Adapter
	1*PoE Injector
	2*Plastic Staps
	1*Quick Installation Guide

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Product Specification Sheet

Temperature	Operating Temperature:-30 degreesC ~ 60 degreesC
	Storage Temperature:-40 degreesC ~ 70 degreesC
Humidity	Operating Humidity:10%~90% non-condensing
	Storage Humidity:10%~90% non-condensing
Default Settings	Default login IP:192.168.2.1
	Default Login Username:admin
	Default Login Password:admin
Certification	FCC/CE/RoHS

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/O3-Tenda-O3-5km-Point-to-Point-Outdoor-CPE-Buy-p-251242.php>

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