Tenda

All for better networking.

O3

5km Outdoor Point To Point CPE

Link More

O3

5km Outdoor Point To Point CPE - Cod. 486622408

What It Does

O3 5km outdoor point to point CPE is designed to WISP CPE solutions and long distance wireless network solutions for video surveillance and data transmission. It features up to 800mW wireless transmission power and has a built-in 12dBi directional dual-polarized antenna which provides an efficient way to pick up and maintains a stable signal for a wireless network connection ranging multiple kilometers.

Main Features

- 2.4G 150Mbps
- IP64 waterproof enclosure
- 12dBi directional daul polarized antenna
- AP, Station, WISP etc operating mode supported
- Up to 60 meters of flexible deployment with included PoE Injector

5km+ Data Transmission

O3 is designed for outdoor long distance wireless data transmission. Adopting of 800mW external power amplifier and 12dBi directional antenna to achieve 5km+ transmission range.

Professional Outdoor Design

Equipped with IP64 waterproof enclouse and 6kV lightning protection capability, O3 can work in various weather conditions, such as sunshine, rainfall, wind, snow or extremely low/high temperature environment.
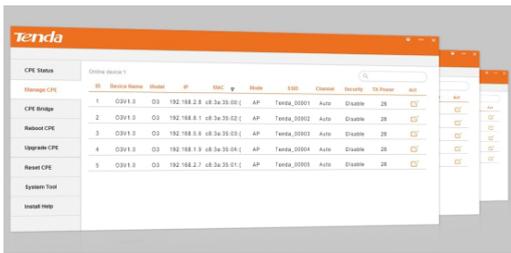
Easy to Manage

O3 also comes with a centralized management software that helps users easily manage all the devices in their network from a single computer–CPE Assistant.

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.

P2MP Link

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

Specifications

Hardware Features

Dimensions	270X94.86X67.5mm
Frequency Range	2.4GHz
Maximum Wireless Speed	150Mbps
Maximum Transmit Power	800mw(29dBm)
Receiver Sensitivity	MCS0: -88dBm MCS7: -72dBm
CPU Processor	Broadcom 300MHz
Maximum Concurrent Clients	15
Interfaces	1XFE PoE/WAN/LAN Port
	1XFE LAN Port
	Grounding Terminal
	1XRST Button
Antennas	12dBi Directional Antenna
Antenna Beamwidth	Horizontal: 60° Vertical: 30°
Maximum Power Consumption	6W
Lightning Protection	4kV
Waterproof Level	IP64
LED Indicator	PWR, Bridge, LAN, WAN/LAN
Power Supply	PoE Injector (12V 1A,Cat5e or Better Ethernet Cable Length > 60 meters)

Software Features

Operating Mode	AP/Station/Universal Repeater/Repeater/P2MP/WISP/Router
Compliant Standards	IEEE 802.11n/g/b
Wireless Features	Enable/Disable Wireless Radio
	SSID Hidden
	Wireless Client Isolation
	Sensitivity Threshold
	WMM Capable
	APSD Capable
	Wireless Access Control
	Wireless Client List
Wireless Security	64/128 WEP, WPA-PSK, WPA2-PSK, WPA&WPA2-PSK, WPA, WPA2
Transmission Power	Adjustable Power by 1dBm
DHCP Server	DHCP Server Clients List
VPN Pass-Through	PPTP, L2TP
Remote Web access	Support
Schedule Reboot	Support
Page Timeout	Support
Dyndns	noip, dyndns.org

Specifications

Software Features

Network Diagnoses	Ping, Traceroute, Signal Scan
Management Tool	Time&Date Setting
	System Log
	Firmware Update
	Backup/Restore Configuration
	Username Managerment

Others

Package Contents	2.4G Long Range Outdoor Access Point O3
	Power Adapter
	PoE Injector
	Ethernet Cable
	Quick Installation Guide
Operating Temperature	-20℃ ~ 55℃
Storage Temperature	-40% ~ 70%
Operating Humidity	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing
Default Settings	IP Address: 192.168.2.1
	Login Username:admin Login Password:admin
Certifications	FCC/CE/RoHS