

Tenda



All for better networking.

03

5km Point to Point Outdoor CPE



O3

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Products Description

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.

Key Features

1. 2.4GHz 11n 150Mbps
2. 12dbi directional antenna
3. IP64 waterproof enclosure
4. 6000V Lightning Protection
5. AP,Station,WISP operating mode supported
6. Up to 60 meters of flexible deployment with included PoE Injector

Product Features

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.

Multiple Application Scenarios

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.

Professional Outdoor Design

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

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

Product Information	
Model	O3
Dimensions	270*94.86*67.5mm
Deployment	Pole Mount
Application Scenarios	WISP CPE, Data transmission and Long range video surveillance
Hardware Features	
Frequency Range	2.4GHz
Maximum Wireless Rate	150Mbps
Interfaces	2*10/100Mbps Ethernet Port
Antennas Gain	12dbi
Antenna Beamwidth	Horizontal: 60° Vertical: 30°
Reset Button	1
GND	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	Passive power over ethernet via PoE/LAN (+4,5pins; -7,8pins) Voltage range: 11-13.8V DC
Receiver sensitivity	MCS0: -96dbm MCS7: -72dbm
Software Features	
Operating mode	AP/Station/WISP/P2MP/WDS Repeater/Router
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	Support
WMM Capable	Support

Specifications

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&Date Setting	Support
Firmware upgrade	Support
Backup/Restore Configuration	Support
Username Management	Support
System Log	Support
Managed By Controller	PC Software - CPE Assistant
Others	
Package Contents	1*5km Point to Point Outdoor CPE 1*Power Adapter 1*PoE Injector 2*Plastic Staps 1*Quick Installation Guide
Operating Temperature	-30°C ~ 60°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing
Default login IP	192.168.2.1
Default Login Username	admin
Default Login Password	admin
Certifications	FCC/CE/RoHS

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