



Tenda

500m Outdoor Point To Point CPE

O1

SKU: 32087 UPC: 885397000000

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.

O1 integrates with a 8dBi directional antenna to provide an optimized transmission quality. It picks up and maintains a stable signal for a wireless network connection ranging up to 500 meters

Features

- 2.4GHz 11n 300Mbps
- 8dbi directional antenna
- IP65 waterproof enclosure
- AP, Station, WISP operating mode supported
- Up to 30 meters of flexible deployment with included PoE Injector

Model	O1
Dimension	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	2.4GHz
Compliant Standards	IEEE 802.11b/g/n
Maximum Wireless Rate	300Mbps
Interfaces	1*10/100Mbps Ethernet Port
Antenna Polarization	Dual Polarization
Antennas Gain	8dbi
Antenna Beamwidth	Horizontal: 60° Vertical: 60°
GND	/
Reset Button	1*Reset Button
Power Consumption	2.6W
Waterproof Level	IP65
LED Indicator	PoE/LAN, WiFi, LED1, LED2, LED3
Power Method	9V0.6A Passive PoE 9V0.6A DC
Lightning Protection	/
Passive PoE	Passive power over ethernet via PoE/LAN (+4,5pins -7,8pins) Voltage range: 9-13.8V DC
Reception Sensitivity	11b 1Mbps -92dBm±1.5dBm 11n MCS0: -92±1.5dBm 11n MCS7: -72±1.5dBm

TDMA	/
Operating mode	AP/Station/WISP
Enable/Disable Wireless Radio	Support
SSID Hidden	Support
Wireless Client isolation	Support
SSID Isolation	Support
Channel Bandwidth	20/40MHz
Channel Shift	/
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
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 and Date Setting	Support
Firmware upgrade	Support
Backup/Restore Configuration	Support
Username Managerment	Support
System Logs	Support
Managed By Controller	PC Software CPE Assistant
Package Contents	1*2.4GHz 11n 8dBi 300Mbps outdoor CPE O1 1*Power Adapter 1*PoE Injector 1*Quick Installation Guide
Operation Temperature	-30? ~55 ?
Storage Temperature	-40? ~ 70?
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
Certification	FCC/CE/RoHS