All for better networking.

O1-5G

5GHz 9dBi 11AC 867Mbps Outdoor CPE

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What it does

O1-5G 5GHz Outdoor CPE is designed to PtP&P2MP solutions for video surveillance transmission and wireless broadband access. Adopts of 11ac wireless technology, the maximum wireless rate can be up to 867Mbps. It features with 9dBi dual polarization directional antenna to provide an efficient way to pick up and maintain a stable long range connection.
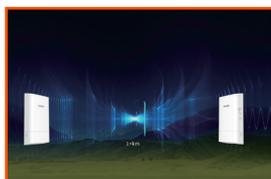
Key Features

- 5GHz 11AC 867Mbps
- 9dbi directional antenna
- One Fast Ethernet Port
- IP65 waterproof enclosure
- 12V 1A DC/12V 1A Passive PoE supported

Product Features

1+km transmission Range

O1-5G adopts of internal power amplifier and 9dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network up to 1km.

Flexible power supply method enable it easy to deployment

O1-5G supports 12V 1A Passive PoE and 12V 1A DC power supply option. It helps the engineer to deploy the device flexiblely.

Auto-bridge technology enable it to easy setup

O1-5G supports auto-bridge technology, It enables the CPE or basestation in factory default settings to connect to each other automaticaly after the device is powered on. It is very useful for the person who is not familiar with network knowledge, especially for CCTV surveillance transmission application.

Easy to Setup and Manage

O1-5G comes with a centralized management software that helps users easily to manage all the devices in the network from a single PC-CPE Assistant.
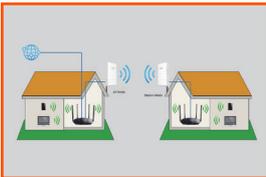
Product Features

Professional Outdoor Design

Equipped with IP65 waterproof enclouse and high quality hardware design, OS3 can work in various weather conditions, such as sunshine, rainfall or extremely low/high temperature environment

Multiple Application Scenarios

PtP Connection For CCTV Transmission
One work as AP mode and another work as Station mode to create a long distance wrieless connecton for video surveillance

PtP Connection For internet sharings
One work as AP mode and another work as Station mode to create a long distance wrieless connecton for internet sharing between buildings or neighbors

Wireless Internet Access for Private ISP
Wirelessly connect to Private ISP tower signal to share Internet to local wireless and wired network.

Specification

Hardware specifications	
Model	O1-5G
Dimensions	132*72*46.3mm
Deployment	Pole/Wall Mount
Application Scenarios	PtP and PtMP wireless connection for Privated ISP access or CCTV Surveillance

Hardware Features	
Frequency Range	5GHz
Compliant Standards	IEEE 802.11a/n/ac
Private TDMA Protocol	/
Maximum Wireless Rate	867Mbps
Interfaces	1*10/100Mbps LAN Port
Antennas Gain	9dBi
Antenna Beamwidth	Horizontal: 30° Vertical: 30° Elevation: 30°
Reset Button	1
Power Consumption	4.7W
Waterproof Level	IP65
LED indicator	PoE/LAN,LED1,LED2
Power Method	12V 1A Passive PoE 12V 1A DC
Lightning Protection	/
PoE 802.3af/at	/
Passive PoE	Passive power over ethernet via PoE/LAN (+4,5pins; -7,8pins) up to 60 meters Voltage range: 9-13V DC
Receiver sensitivity	11a 6Mbps -92dBm±1.5dBm 11n MCS7 HT20 -72dBm±1.5dBm 11ac MCS9 HT80 -64dBm±1.5dBm

Software Features	
Operating mode	AP/Station
Enable/Disable Wireless Radio	Support
SSID Hidden	Support
Wireless Client isolation	Support
SSID Isolation	/

Specification

Software Features	
Channel Bandwidth	20/40/80MHz
Client Limitation For SSID	Support
Wireless Access Control	Support
Weak Signal Client Limitation	/
Transmission Power	Adjustable power by 1dBm
WMM Capable	Support
APSD Capable	Support
Wireless Security	64/128 WEP,WPA-PSK,WPA2-PSK,WPA&WPA2-PSK
Transparent Bridge	Support
VLAN Tagging for SSID	/
DHCP Server	/
VPN Pass-Through	PPTP,L2TP
Remote Web access	/
Schedule Reboot	Support
Page Timeout	Support
Ping Watchdog	Support
Dyndns	/
Network Diagnoses	/
Time&Date Setting	Support
Firmware upgrade	Support
Backup/Restore Configuration	Support
Username Managerment	Support
System Log	Support
Managed By Controller	PC Software -- CPE Assistant

Specification

Others	
Package Contents	1*5GHz 9dBi 11AC 867Mbps Outdoor CPE 1*Power Adapter 1*PoE Injector 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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