



LTE Outdoor CPE

WIS-H300-LTE

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Version 1.0

Product Overview

Outdoor 4G LTE CPE devices offer similar features to the Indoor CPE but are weather-proof All-Outdoor Units with high gain directional antennas, integrated IP bridge/router and Power-over-Ethernet technology, to provide long range coverage and connectivity to the LTE base stations. The outdoor CPE are used to provide xDSL equivalent connections for last-mile and Internet Service Providers.

Features

Hardware

- Integrated Cat 4 LTE modem
- Wi-Fi Wireless Speed up to 300Mbps
- 24v PoE powered
- Internal antennas

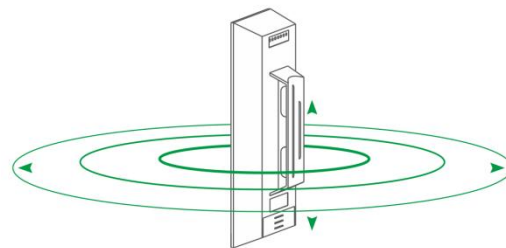
SIM card

- Supports CDMA LTE.
- Supports Standard SIM



Antenna

- Internal omni antennas
- 5dBi gain antennas
- Full Frequency LTE Antenna
- 2*2 wifi Antenna



Software

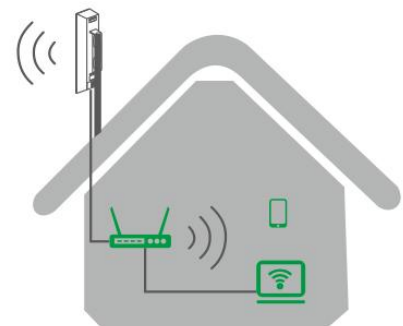
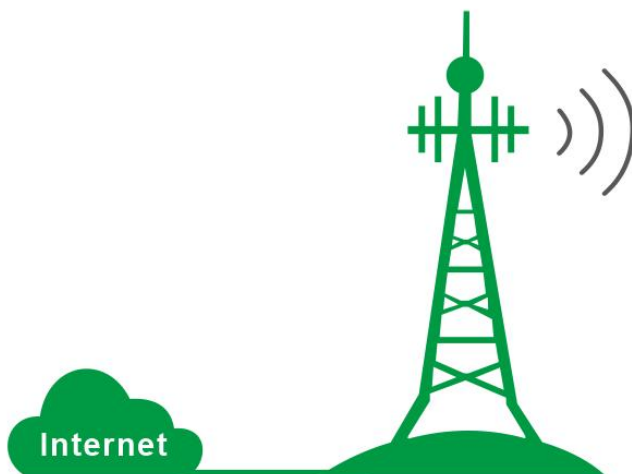
- VPN
- DHCP
- DDNS
- Ping Tools

Features and Benefits

- 4G transform to Wi-Fi
- Flexible power supply 24V POE/DC for selection
- IP65 Outdoor Protection Level
- Support multiple frequency range
- Internal antennas
- Up to 8kV ESD protection



Network Diagram



Wi-Fi SPECIFICATIONS

Standard

-- IEEE 802.11b/g/n

Channel Bandwidth

-- 20 MHz, 40 MHz,

Frequency

2.4 GHz

MIMO

2x2

Peak Rate

802.11b: 11 Mbps
 802.11g: 54 Mbps
 802.11n: 300 Mbps

Sensitivity

-65 dBm @ 54 Mbps, typical for 802.11g
 -76 dBm @ 11 Mbps, typical for 802.11b

Max Output Power

14 ± 3 dBm

Antenna Gain

5 dBi

LTE SPECIFICATIONS

Standard

Cat 4

Band

Integrated Firewall
 -WPA/WPA2;WPA-PSK/WPA2-PSK (AES/TKIP)
 Encryption; 64/128-bit WEP;

LED

-- Power: On/Off
 -- LAN:On/Off/Flashing
 -- WLAN:On/Off/Flashing
 -- RSSI Signal:1,2,3

Power Supply

-- 12VDC, 1A

Dimensions

-- CE, RoHS

Package content

-WIS-H300-LTE Radio
 -Quick Setup Guide
 -Power Adapter with Passive PoE
 -Mounting bracket & kits