

RayTalk RT-CPE100LH/LHext

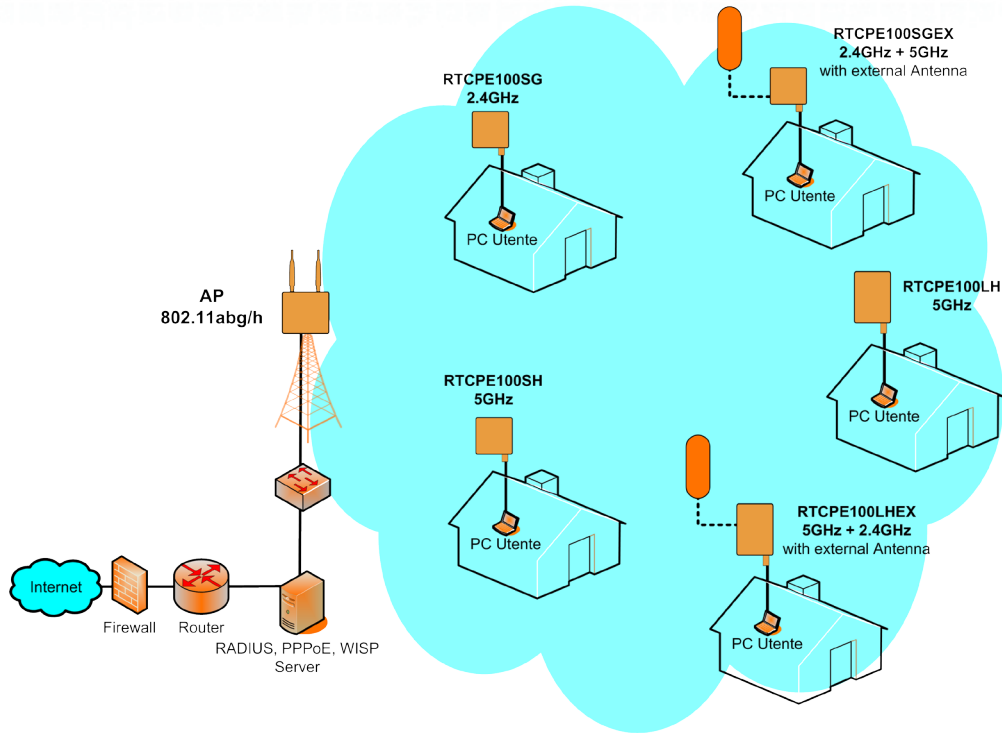
Outdoor Wireless CPE for WISP Solutions, Wi-Fi/HiperLan, 54Mbps with WISP Router or Clieit Bridge Operational Mode



RayTalk RT-CPE100L Caratteristiche principali

- > Modulo Radio Multistandard Wi-Fi e HiperLan
- > Standard IEEE802.11a/b/g/h
- > Antenna integrata a 5GHz (18dBi, H 34,8° x E 30,2°)
- > Connettore N esterno per ulteriore antenna dedicata a 2.4GHz o a 5GHz nella versione RT-CPE100LHext
- > Modulo radio fino a 23 dBm
- > Dynamic Frequency Selection (DFS)
- > Transmission Power Control
- > Bitrate fino a 54 Mbps
- > Modalità: Client Bridge (L2-Bridging) o Wisp Router (L3-NAT)
- > PPPoE Client sulla parte Wireless LAN in modalità WISP Router
- > DHCP Server o Client, Virtual Server in modalità WISP Router
- > Software integrato di Site Survey, Antenna Alignment
- > Software Watchdog, Diangostic Tool, Syslog Viewer
- > Sicurezza WPA / WPA2 / IEEE802.11i
- > Management: SNMP v1, v2c, v3 Read Only Agent, Multiple User Privileges, Web Server/HTTPS
- > Conforme allo Standard IEEE 802.3af
- > Alimentazione con PoE (Power over Ethernet) dedicato passivo

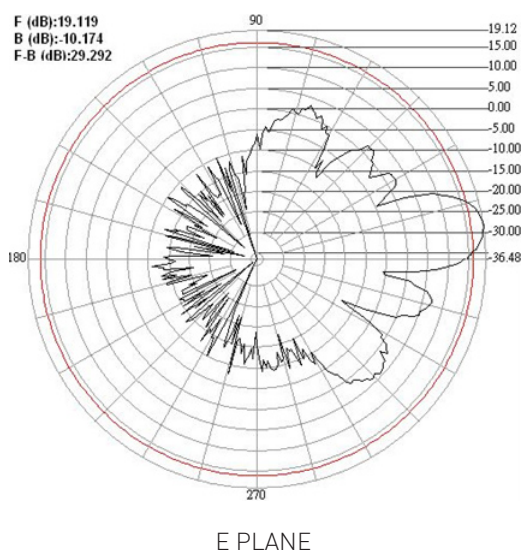
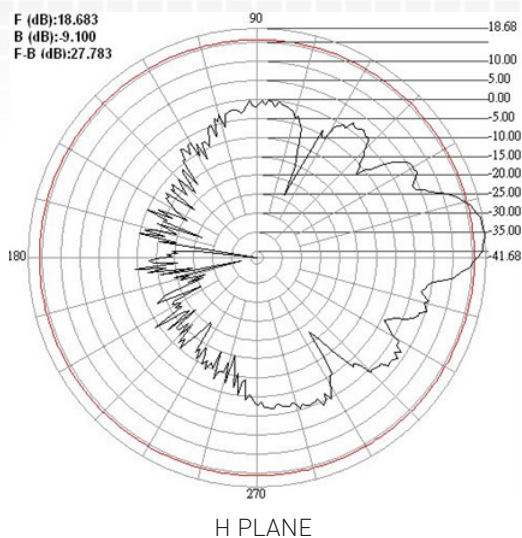
Model Name	Standard	Integrated Antenna	External Connector
RT-CPE100LH	802.11ah	5GHz @ 18dBi, H 34.8° x E 30.2°	-
RT-CPE100LHext	802.11abgh	5GHz @ 18dBi, H 34.8° x E 30.2°	N Jack (F)



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› Specifiche Tecniche

Wireless Features	<ul style="list-style-type: none"> › Single Radio Multistandard 802.11a/b/g/h › Dynamic Frequency Selection (DFS) › Transmit Power Control (TPC)
IEEE Standards	<ul style="list-style-type: none"> › IEEE 802.11a › IEEE 802.11b › IEEE 802.11g › IEEE 802.11d › IEEE 802.11h › IEEE 802.11i › IEEE 802.3 › IEEE 802.3u › IEEE 802.1x
Integrated Antenna	<ul style="list-style-type: none"> › 5 GHz antenna › Frequency Range: 5.1~5.8GHz › Gain: 18 dBi › Polarization: Vertical › Beamwidth: H 34,8°, E 30,2°
Radio Module Specifications	<ul style="list-style-type: none"> › Frequency Range: <ul style="list-style-type: none"> › USA & Canada: 2.412~2.462 GHz, 5.15~5.35 GHz, 5.725~5.825 GHz › Europe: 2.412~2.472 GHz, 5.15~5.35 GHz, 5.470~5.725 GHz › Japan: 2.412~2.412 GHz, 4.9~5.00 GHz, 5.03~5.091 GHz, 5.15~5.25 GHz › Modulation Technique: <ul style="list-style-type: none"> › 802.11b: DSSS (DBSPK, DQSPK, CCK) › 802.11g: DSSS (DBSPK, DQSPK, CCK) and OFDM (BPSK, QPSK, 16-QAM, 64-QAM) › 802.11ah and HiperLAN: OFDM (BPSK, QPSK, 16-QAM, 64-QAM) › 802.11 b/g Channels Supported: <ul style="list-style-type: none"> › US/Canada: 11, Major European Country: 13, France: 4, Japan 11b: 14, Japan › 802.11a Channels Supported: <ul style="list-style-type: none"> › US/Canada: 12 non-overlapping channels › Japan: 4 non-overlapping channels › 802.11h Channels Supported: <ul style="list-style-type: none"> › Europe: 19 non-overlapping channels › Radio Output Power: <ul style="list-style-type: none"> › 802.11b: 23dBm@1-11Mbps › 802.11g: 23dBm@6-24Mbps, 21dBm@36Mbps, 19dBm@48Mbps, 17dBm@54Mbps › 802.11a/h: 23dBm@6-24Mbps, 21dBm@36Mbps, 19dBm@48Mbps, 17dBm@54Mbps › Radio Receiver Sensitivity: <ul style="list-style-type: none"> › 802.11b: -95dBm@1Mbps, -90dBm@11Mbps › 802.11g: -92dBm@6Mbps, -73dBm@54Mbps › 802.11ah: -92dBm@6Mbps, -73dBm@54Mbps › Transfer Data Rate: <ul style="list-style-type: none"> › 802.11g: 54, 48, 36, 24, 18, 12, 9, 6, automatic fallback to 5.5, 2, 1Mbps › 802.11b: 11, 5.5, 2, 1Mbps › 802.11a: 54, 48, 36, 24, 18, 12, 9, 6, 11, 5.5, 2, 1Mbps
Wireless Client Bridge Operating Mode	<ul style="list-style-type: none"> › Network › Static or Dynamic (DHCP Client) Network Settings › Bootp Relay
WISP Router Operating Mode	<ul style="list-style-type: none"> › Lan Network › Static or Dynamic (DHCP Client) Network Settings › DHCP Server › Wireless › Static or Dynamic (DHCP Client) Network Settings › PPPoE Client
Security	<ul style="list-style-type: none"> › Open System › WPA-PSK-auto › WPA-PSK-TKIP › WPA-PSK-AES › WPA2-PSK-auto › WPA2-PSK-TKIP › WPA2-PSK-AES › IEEE 802.1x
Statistic	<ul style="list-style-type: none"> › Interfaces › Network Statistics › Network Configuration › Wireless <ul style="list-style-type: none"> › Wireless Statistics, Associated Access Point, Radio Information › Routes › ARP Table

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Ethernet Settings	<ul style="list-style-type: none"> > 10/100 Mbps / Auto Negotiation > Full / Half Duplex > Compatible with IEEE 802.3af PoE
Device Management	<ul style="list-style-type: none"> > Web Server/HTTPS with Multiple User Account Privileges > SNMP v1, v2c, v3 Agent Software
Tools and Utilities	<ul style="list-style-type: none"> > System Log > Manual or NTP Time Setting > Software Watchdog > Firmware upgrade via web interface > Device Reboot > Factory default > Configuration File Management > Wireless ACK computation tool > Site Survey > Antenna Alignment > Diagnostic Tool > Syslog Viewer
Hardware Specification	<ul style="list-style-type: none"> > CPU: Infineon ADM5120 @ 175 MHz > 4 MB flash storage > 32 MB SDRAM
External Ports	<ul style="list-style-type: none"> > 1 10/100 Mbps LAN Ethernet Port > 1 Hole (rubber protected) for Hardware Reset > 1 External antenna port with N Jack (Female) Connector (CPE100SGext model)
Environment and Safety	<ul style="list-style-type: none"> > Operating Temperature: -20° to +70° C standard typical > Storage Temperature: -30° to +80° C > Operating Humidity: 10 to +80% non-condensing > IP 67 protection
Power Supply	<ul style="list-style-type: none"> > Power over Ethernet (with passive Dedicated Power Adapter)
Power Consumption	<ul style="list-style-type: none"> > 7.5 W
Dimensions	<ul style="list-style-type: none"> > Weight: 1400 g. approx > 19.75 cm x 19.75 cm x 6.3 cm

> Dotazione di Serie

- > Apparato
- > Alimentatore PoE (Power over Ethernet) dedicato
- > Kit Staffe di montaggio e fissaggio per palo o parete
- > Pressacavo con molla per cavo ethernet
- > CD: Documentazione e Manuale d'Uso



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Per maggiori informazioni visita www.raytalk.com

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