



300Mbps 2.4GHz Wireless N AP/Client 802.11n/b/g/a (2T*2R)

Model No. CP300

CP300 is WISP CPE Solution that specially designed for long distance wireless transmission. With two internal high gain antennas and advanced radio architecture, it can make the radio signal transmission coverage more extensive with a stable wireless connection and deliver up to 300Mbps data rate. Powered by Passive PoE, CP300 simplifies the network cable deployment and is suitable for all kinds of environment with the waterproof design.



Features

- Complies with IEEE802.11n /g/b standards on 2.4G band.
- Supports PPPoE, DHCP, Static IP, PPTP and L2TP broadband functions.
- Two powerful internal antennas.
- Multiple APs allows user to add other two SSIDs accordingly.
- 4 LED signal strength indications.
- Supports 64/128 bit WEP encryption and WPA-PSK, WPA2-PSK security.
- Repeater function allows more terminals to access Internet.
- Supports passive PoE power supply.
- Lightning protection design.
- QoS can allocate bandwidth reasonably.

Specifications

Hardware	
Interface	- 1 *100BaseTX (Auto MDI/MDIX) LAN Port
Power Supply	- 12V DC /1A(PoE)
Button	- 1 *Reset Button
Antenna	- 2 *8dBi internal antennas
LED Indicators	- 1 *Power, 1 *LAN, 1 *WLAN, 4 *Signal Strength
Wireless	
Standards	- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.3u, IEEE 802.3
RF Frequency	- 2.4~2.4835GHz
Data Rate	- 802.11n: up to 300Mbps - 802.11g: up to 54Mbps (dynamic) - 802.11b: up to 11Mbps (dynamic)
EIRP	- < 20dBm
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Reception Sensitivity	- 270M: -64 dBm@10% PER - 135M: -65 dBm@10% PER - 54M: -68 dBm@10% PER - 11M: -85 dBm@8% PER - 6M: -88 dBm@10% PER - 1M: -90 dBm@8% PER

Software	
Operation Mode	<ul style="list-style-type: none"> - Gateway - Bridge - Wireless ISP
Network	<ul style="list-style-type: none"> - LAN Setup - Static DHCP Setup - WAN Setup
Wireless	<ul style="list-style-type: none"> - Basic Setting, Security Setting, Advanced Setting, Multiple APs, MAC Authentication, WDS, WPS, Repeater
Firewall	<ul style="list-style-type: none"> - IP/Port Filtering, MAC Filtering, URL Filtering, Port Forwarding, DMZ Setting, Denial of Service
Management	<ul style="list-style-type: none"> - Statistics - Dynamic DNS Setting (Bridge mode doesn't have this option) - Time Zone Setting - Remote Management - System Log - Upgrade Firmware - Save/Reload Setting - Administrator Setting
Others	
Package Contents	<ul style="list-style-type: none"> - CP300 Wireless CPE *1 - PoE Box *1 - Power Adapter *1 - Ethernet Cable *1 - Quick Installation Guide *1
Environment	<ul style="list-style-type: none"> - Operating Temperature: 0℃~40℃ (32 F~104 F) - Storage Temperature: -40℃~70℃ (-40 F~158 F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing