

TOTO LINK

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The Smartest Network Device



CP300

300Mbps 2.4GHz
Wireless Outdoor AP/Client



300Mbps
802.11b/g/n 2.4GHz



Weatherproof
Design



WISP

11dbi
ANTENNAS

2*11dBi
Antennas

➤ Overview

300Mbps 2.4GHz Wireless Outdoor AP/Client

Model No. CP300

CP300 is WISP CPE Solution that specially designed for long distance wireless transmission. With two built-in dual polarized 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 makes the wires deployment more flexible. Besides, the outdoor protection design makes it to be excellent for working in all kinds of weather.

➤ Features

- Complies with IEEE802.11n /g/b standards on 2.4G band.
- Supports DHCP/Static IP/ PPPoE(dual access)/PPTP(dual access) / L2TP(dual access) broadband functions.
- Supports Passive PoE power supply, transmitting distance can be far as 60 meters, more flexible for cabling deployment.
- Supports Qos bandwidth control.
- Supports 64/128-bit WEP, WPA, WPA2, WPA-Mixed security.
- Two Built-in dual polarized antennas.
- 4 intelligent LED indicators intuitively show signal strength.
- RF power up to 500mw.
- WDS function connection.
- IP65 level dust-proof and water-proof, 6KV lighting-proof and 15KV ESD static electricity-proof.
- Provides AP/Client/Repeater/WISP working modes.



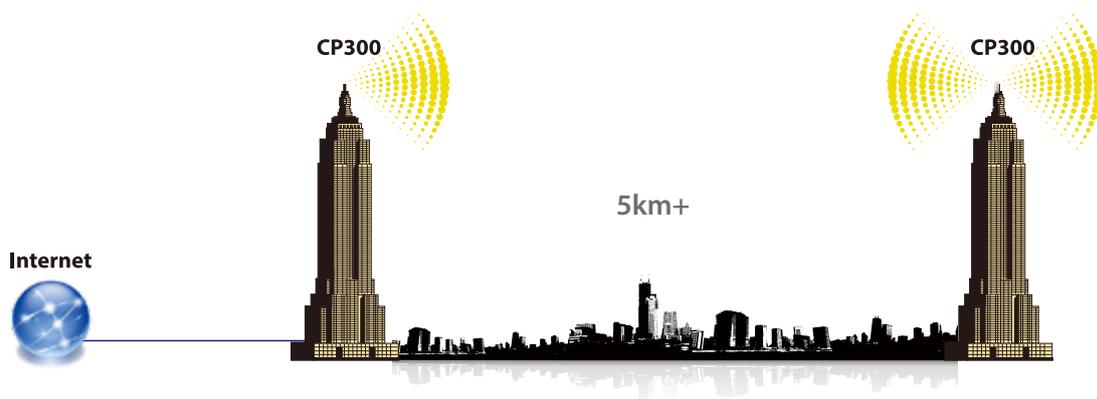
Selling point

➤ 5km+ Wi-Fi Transmission

Complied with the latest IEEE802.11n standards, CP300 supports to deliver wireless 2.4GHz speed up to 300Mbps. The product transmission distance is 5KM.

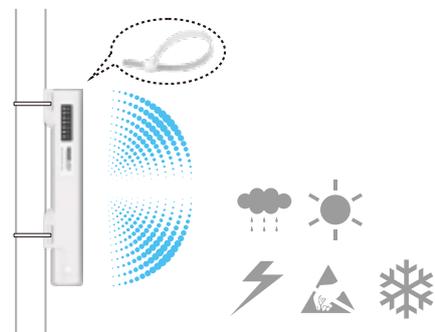
➤ Super Capability for Long-distance Transmission

With two built-in dual polarized antennas, CP300 can bring robust signal for stable wireless connection. Placed on the roof of the building, it can excellently provide wireless connection for customers live far away from WISP.



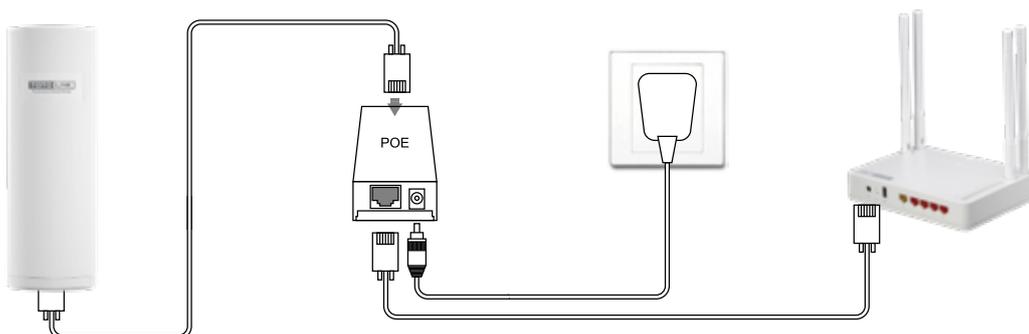
➤ Outdoor Protection Design

No matter where you place it, in high or low temperature condition, it will work very well as normal. With the outdoor protection design, it can adjust poor working environment and effectively protect itself from dust, water and lightning.



➤ Flexible Power Supply by Passive PoE

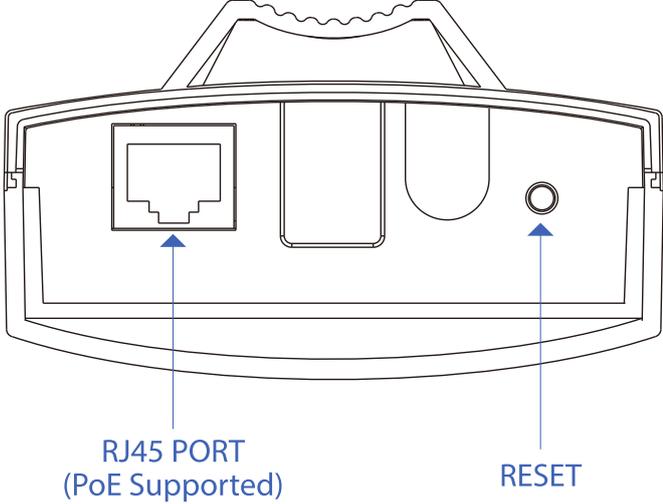
With passive PoE power supply, CP300 ensures the structured cabling security, improves the deployment flexibility, and reduces costs.



Specification

Hardware

Interface	- 1 *100BaseTX (Auto MDI/MDIX) LAN Port (Passive PoE Supported)
Power Supply	- 12VDC /1A (PoE) - Voltage range: 12-24VDC
Button	- 1 *RESET Button
Antenna	- 2 *Built-in dual polarized antennas
LED Indicators	- 1 *Power, 1 *WAN/LAN, 1 *LAN, 4 *Signal Strength
Dimensions (L X W X H)	- 262 x 87 x 50mm



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	- Up to 300Mbps
EIRP	- < 27dBm
Wireless Security	- 64/128-bit WEP, WPA, WPA2, WPA-Mixed
Reception Sensitivity	- 11b 11M: -81 dBm@10% PER - 11g 54M: -68 dBm@10% PER - 11n HT20 MCS7: -65 dBm@10% PER - 11n HT40 MCS7: -62 dBm@10% PER

Specification

Software

Operation Mode	- AP Mode - Repeater Mode
	- Client Mode - WISP Mode
MIMO Type	- 2.4G 2Tx-2Rx
Network	- LAN Setting
	- WAN Setup (WISP Mode only)
	- VLAN Settings (WISP Mode only)
Wireless	- Basic Setting, Advanced Setting, WDS Setting, Access Control, WPS Setting, QoS
Firewall	- IP/Port Filtering, MAC Filtering, URL Filtering, Port Forwarding, DMZ
Management	- Upgrade Firmware, Save/ Reload Setting, Time Zone Setting, Password Setting, Reboot Schedule , Reboot
Reliability	- 6KV Lightning Protection
	- 15KV ESD Protection
	- IP65 level dustproof and waterproof

Others

Package Contents	- CP300 Wireless CPE *1
	- Power Adapter *1
	- User Guide *1
	- Ethernet Cable *1
	- Strips*2
Environment	- Operating Temperature: -40 ℃ ~70 ℃ (-40 ℉ ~158 ℉)
	- Storage Temperature: -40 ℃ ~70 ℃ (-40 ℉ ~158 ℉)
	- Operating Humidity: 5%~95% non-condensing
	- Storage Humidity: 5%~95% non-condensing

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