TOTO LINK

The Smartest Network Device

Wireless N
High Power CPE/Router
802.11n/b/g/a (2T*2R)

Model No. CP500

CP500 is a WISP CPE Solution that specially designed for long distance wireless transmission. It complies with the most advanced IEEE802.11n standard, which can deliver up to 300Mbps wireless speed and 300mw output power.
With the high gain internal antennas and advanced radio architecture, CP500 will make the radio signal transmission coverage more extensive with a stable wireless connection. Besides, it also offers Router network mode which allows much more users to connect to internet. Since it is powered by Passive PoE, it will make the deployment more flexible.

Features

- Complies with IEEE802.11n /a standards on 5G band.
- Supports Bridge/Router networking modes.
- RF power up to 300mw.
- Internal dual-polarization 14dBi antennas.
- Water-proof housing (IP65) and Lightning protection design.
- ACK timeout adjustable.
- Offers DHCP Leases/Route/Port Forward status display.
- Supports MAC based ACL and MAC filtering.
- Provides 64/128 bit WEP encryption and WPA-PSK, WPA2-PSK security.
- Passive PoE power supply.
- Supports Ping Watchdog/Telnet Server/SSH Server/ Web Server/NTP Client.
- Supports Windows 8/ 7/ XP / Vista (32/64-bit), Linux and Mac OS.

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Specifications

Hardware	
Interface	- 1 *10/100Mbps RJ45 Port
Power Supply	- 12V DC/1A
Button	- 1*Reset Button
Antenna	- 2 *14dBi internal dual-polarization antennas
Dimensions	- 86.4mm x 39mm x 260mm (L x W x H)
Environment	- Operating Temperature: 0℃~55℃ (32℉~131℉) - Storage Temperature: -20~65℃ (-4℉~149℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~95% non-condensing

Wireless	
Standards	- IEEE 802.11n, 802.11a, IEEE 802.3, IEEE 802.3u, IEEE 802.3x
RF Frequency	- 5GHz
Data Rate	- 802. 11n: up to 300Mbps - 802.11a: up to 54Mbps (dynamic)
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Output Power	- 24dBm (Max.)
Channels	- 5745~5805, 5500~5700, 5180~5805
Modulation Type	- DBPSK, DQPSK, CCK and OFDM (BPSK,QPSK,16-QAM/ 64-QAM)
Reception Sensitivity	- 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	
Status	- A summary of wireless status
Wireless	- Wireless mode - Security Select
Network	- Bridge mode - Router mode
Advances	- Wireless Settings - Signal LED Thresholds - Traffic Shaping

Services	- Ping Watch dog - SNMP Agents - NTP Client - Web Server - Telnet Server - SSH Server - System Log
System	- Device name - Administrative Account - Read-Only Account - Backup/upload configuration - Firmware update/Reset to factory default