

Boost Wi-Fi range for large space, Create a stonger Wi-Fi signal

300Mbps Wireless N High Power Access Point

AP5 is designed to boost the range of your existing WiFi and creates a stronger signals in a hard to reach areas for game consoles, printers, smart phone, tablet. Power over ethernet supported and wall-mount design make it flexible to deploy in any location. The AP features with multi operation modes like Universal Repeater, Client(Station), WISP to adapt various application scenarios. It is a ideal Wi-Fi booster for large houses, villas, eatery, large stores etc.



AP5



One Button to boost Wi-Fi Range

AP5 features Range Extender Button that allows users to boost existing Wi-Fi Range simply by pressing the "Range Extender" button.



Flexible deployment

Wall-Mount design and power over ethernet cable supported make it flexible to deploy in place without power outlet such as garage,warehouse etc.



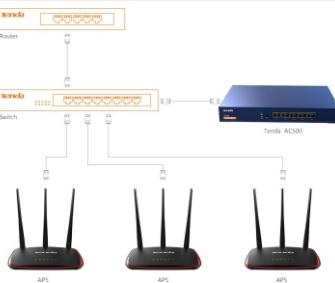
Multi Operating Modes for Various Scenarios

Multi operating modes including AP,Universal Repeater,WISP(Client+Router), Station(client) help you to boost WiFi range in various scenarios such as large house,villa, eatery,stores, community network.



Excellent Wi-Fi Coverage

Adopt of high power technology and three high gain antennas for better Wi-Fi signal and maximum coverage.



Easy to Manage With AP Controller

AP5 can be managed by the AP controller AC500 from Tenda. When you deploy multi APs in networks, you can configure SSID(Wireless network name), Channel, Security Key, Output power etc option through AC500 in a single location.

Specification

Hardware Features

| | |
|--------------------------|--|
| Dimensions | 148*146.2*31.5mm |
| Compliant Standards | IEEE 802.11n/g/b |
| Interface | 2 * 10/100M Ethernet Port (RJ45) |
| Antennas | 3*5dBi Detachable Omni Directional (RP-SMA) |
| Button | 1*Reset 1*Range Extender |
| Power Method | DC 12V=1A Passive PoE |
| Passive PoE power supply | Up to 50 meters Passive PoE is supported(cat5e or better) |
| Maximum Transmit Power | 23dbm |
| Reception Sensitivity | b mode: 1M-89dBm@8% 11M-87dBm@8% PER; g mode: 54M-74dBm@8% PER; n mode: 72.2M-74dBm@8% PER; 150M-72dBm@8% PER |
| LED indicator | SYS,WPS,Bridge,WiFi,LAN1,LAN2 |
| Hardware Deployment | Desktop/Wall Mount |

Software Features

| | |
|----------------------------|--|
| Frequency Range | 2.4GHz-2.483GHz |
| LAN Settings | Static IP Dynamic IP |
| DHCP Server | DHCP Server Clients list |
| wireless rate | 11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic) |
| Operation Mode | Access Point Universal Repeater Station(Client) WISP (Client+Router) Client+AP |
| Wireless Features | 8 SSID Enable/Disable Wireless Radio Broadcast SSID SSID Hidden automatically when exceed client limit Client limit for SSID Transmission output power AP isolation RSSI threshold for wireless clients WMM capable APSD capable Access control based mac address Wireless Client list VLAN for multi SSID |
| Wireless Security Settings | 64/128 WEP/WPA-PSK/WPA2-PSK/ WPA&WPA2-PSK/WPA/WPA2 |
| VPN Pass-Through | PPTP L2TP |
| Video user capacity | 5 |
| wireless users capacity | 20+ |
| Diagnostic Tool | Wireless site survey Ping Traceroute |
| Network Service | Schedule Reboot Http/Https |
| Managed by AC | AC500 |
| Tools | Reboot Restore to factory default System Log Firmware update Time&Date Setting Backup/Restore Configuration Username Management |

Others

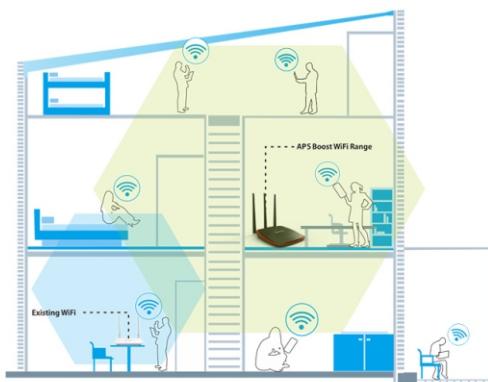
| | |
|-----------------------|---|
| | 300Mbps Wireless N High Power Access Point AP5 |
| Package Contents | 1*PoE Injector 1*Quick Installation Guide 1*Ethernet cable 1*Power Adapter 2*Screws 2*Plastic Bolt |
| Operating Temperature | -10°C ~45°C |
| Storage Temperature | -30°C ~70°C |
| Operating Humidity | 10%~90% non-condensing |
| Storage Humidity | 5%~90% non-condensing |
| Default Settings | IP Address: 192.168.0.254 Login Username:admin Login Password:admin |
| Certifications | FCC/CE/Rohs/VoC |

Applications

1

Universal Repeater

Extending your existing wireless coverage by relaying the wireless signal.



2

WISP (Client+Router)

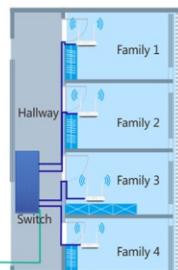
Wireless connect to ISP hotspot to share Internet for local wireless and wired devices.



3

Station (client)

Working as a wireless adapter to connect your wired device.



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