Tenda

All for better networking.

A15

AC750 Dual Band WiFi Repeater

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Products Description

A15 is an AC750 dual-band WiFi repeater dedicated for two-storey houses, villas, and multi-room houses with an area over 120 square meters. It offers up to 300 Mbps data rate on 11n band and 433 Mbps data rate on 11ac band. With two external omni-directional antennas, A15 can provide larger WiFi coverage, as well as extreme fast data rate, satisfying applications such as playback of 1080P HD videos, massively multiplayer online games, and high-speed download. With the upgrade Setup Wizard, it only takes you three steps to configure your repeater, which is easy to use. A15 also works better with other brands' WiFi router available on the market. For whole home WiFi coverage, A15 is your best choice.

Selling Points

Swift switchover between 2.4 GHz and 5 GHz bands for stable internet connection with least interruption

With 2 external high-quality omni-directional antennas, A15 can expand 2.4 GHz and 5 GHz WiFi networks simultaneously, supporting automatic switchover of mobile terminals between 2.4 GHz and 5 GHz bands.
A15 offers a 300 Mbps 2.4 GHz band that maximizes mobile device connectivity, and a much faster 433 Mbps 5 GHz band that minimizes interference.

Excellent performance within a compact and exquisite design

Compact exterior provides high-quality and long-range WiFi coverage.
Working with a dual band WiFi router, A15 allows you to enjoy a smarter life with faster and more stable internet connection
Wall-plug design allows cable-free powering and a tidy look.

Two modes in one for a variety of scenarios

You can switch between Repeater mode and AP mode as needed.
Repeater mode: A15 can expand WiFi coverage by bridging the upstream router's WiFi signal, and allows wired devices connected to its LAN port to access the internet;
AP mode: connect an Ethernet cable with internet connectivity to the LAN port of A15 to turn it into an AP.

Intuitive signal LED to indicate the optimal repeater location

The Signal LED tells the best repeater location.
Blue: good signal strength
Red: poor signal strength
Off: no signal

3-step for easy setup

A15 supports setup using WiFi devices, such as mobile phone and tablet. It only takes 3 steps to connect your repeater to the internet.
* Connect your WiFi device to A15's default SSID;
* Start a web browser, go to re.tenda.cn;
* Select the WiFi network you want to extend, and enter its WiFi password.
   You are also allowed to customize the SSID and WiFi password of A15.

Compatible with any WiFi router

A15 can work well with any WiFi router and WiFi DSL modem router available on the market, outshining most of repeaters.

Technical Specifications

Hardware

Port	1*10/100 Mbps RJ45
Button	Reset, WPS
LED indicator	1 * Signal LED 1 * WPS LED 1 * Power LED
Flash memory	8MB
Memory	64MB
Power supply	9V 0.8A, built-in
Power plug	National Standard, US Standard, European Standard, UK Standard, Brazil Standard
Power consumption	No-load: 2.8W, Full-load: 5.2W
Rated voltage/frequency/current	100-240V 50/60Hz, 0.3A Max, CLASS Ⅱ

Wireless

Standard	IEEE 802.11a, IEEE 802.11n, and IEEE 802.11ac wave2 on 5 GHz IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n on 2.4 GHz
Data rate	802.11b: 11 Mbps 802.11g: 54 Mbps 802.11n: 300 Mbps 802.11ac: 433 Mbps
Frequency band	11n: 2.412-2.484 GHz 11ac: 5.15-5.25 GHz
Transmit power	2.4 GHz: 16dBm 5 GHz: 12dBm
RSSI	2.4 GHz 11b-1M:-97dBm 11g-54M:-76dBm 11n-20M-MCS7:-74dBm 11n-40M-MCS7:-72dBm 5 GHz: 11a-6M:-95dBm 11n-20M-MCS7:-74dBm 11n-40M-MCS7:-72dBm 11ac-80M-MCS9:-63dBm
Antenna	2 * External 2dBi dual-band omni-directional antenna (non-detachable)
Recommended application scenario (theoretical coverage)	180 square meters (subject to the actual environment)
Wireless security protocol	Encryption mode: Mix WPA-PSK/WPA2-PSK WPA algorithm: TKIP&AES

Dimensions

Dimension of one	80mm * 58mm * 48mm

Software

Channel Bandwidth	11n: 20/40MHz by default 11ac: 80MHz by default
Operating mode	Repeater Mode AP Mode
Wireless security protocol	Default encryption mode: Mix WPA-PSK/WPA2-PSK Blacklist Hide SSID

DHCP Server	Supported
System Tools	Firmware upgrade, Restore factory settings, Login password, and Reboot

Environment	
Operating temperature	0ºC~40ºC
Storage temperature	-40ºC~70ºC
Operating humidity	(10 – 90)% RH, non-condensing
Storage temperature	5%~90%RH, non-condensing

Miscellaneous	
Usage	See the Quick Installation Guide and User Guide for details

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