Tenda

All for better networking.

A18

AC1200 Dual Band WiFi Repeater

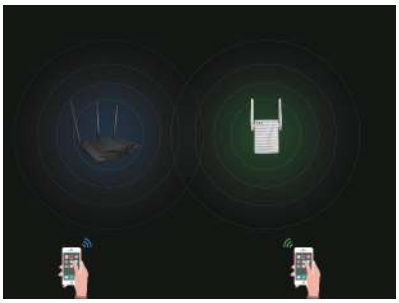
A18 is an AC1200 dual-band WiFi repeater dedicated for two-storey houses, villas, and multi-room houses with an area 200 square meters. It offers up to 300 Mbps data rate on 11n band and 867 Mbps data rate on 11ac band. With two external omni-directional antennas, A18 can provide larger WiFi coverage, 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. A18 also works better with other brands' WiFi router available on the market. For whole home WiFi coverage, A18 is your best choice.





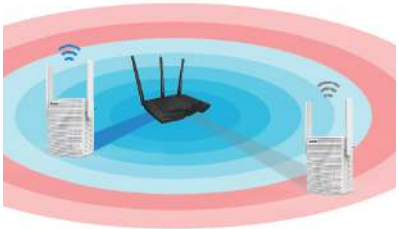
1. Works Well with Optical Routers for Strong Wall Penetration Capacity on 5 GHz Band

Ordinary 11AC routers performs poorly on wall penetration on 5 GHz band. With A18 to repeat 5 GHz WiFi network, data transmission rate on 5 GHz band can be up to 867 Mbps, giving a full play to your 100 Mbps optical broadband. By resolving the weakness of WiFi coverage on 5 GHz band, A18 brings you with fast internet experience at home.



2. Scan Quality Channel Automatically for Stable, Reliable and Fast Internet Experience

Equipped with high quality PCB dual band antennas, the radio frequency distance between antennas of A18 has been improved to um. Each antenna provides both 2.4 GHz and 5 GHz WiFi networks, and extends WiFi networks both on 2.4 GHz and 5 GHz bands . A18 can automatically select high quality channel for you when signal fluctuates, and keeps your devices online even in the move by switching to the network with stronger signals automatically.



3. Visual Signal LED Guides You to Find the Best Position

Guided by the color of Signal LED, you can easily find the best position for your repeater according to your actual network environment. Blue indicates good connection , and red indicates bad connection.



4. Elegant and Compact Appearance

Featured with a small size, it is easy for you to plug A18 into your electrical outlet.

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	CN, US Standard, EU, UK Standard, BR Standard
Power consumption	No-load: 2.8W, Full-load: 5.2W
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: 867 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	200 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

Specifications

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~70℃
Operating humidity	10%~90%RH, non-condensing
Storage temperature	5%~90%RH, non-condensing

SHENZHEN TENDA TECHNOLOGY CO.,LTD.

6-8 Floor, Tower E3, No.1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Phone: (86 755)2765 7180 Fax: (86 755)2765 7178

Email: sales@tenda.com.cn support@tenda.com.cn

Website: http://www.tenda.com.cn

©2016 SHENZHEN TENDA TECHNOLOGY CO.,Ltd, the Tenda logo is registered trademark of Shenzhen Tenda Technology Co.,Ltd in China and/or other countries. Other Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice. ALL rights reserved.