Tenda



All for better networking.

A18

AC1200 Dual Band WiFi Repeater





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Products Description

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.

Selling Points



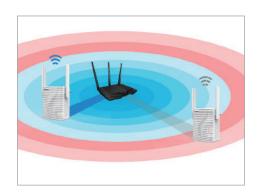
Works Well with Optical Routers for Strong Wall Penetration Capacity on 5 GHz Band

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.



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.



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 repeat er according to your actual network environment. Blue indicates good connection , and red indicates bad connection.



Elegant and Compact Appearance

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

Technical Specifications

Port 1*10/100 Mbps RJ45 Button Reset, WPS 1 * Signal LED 1 * WPS	Hardware	
LED indicator 1 * Signal LED 1 * Power LED Flash memory 2MB Memory 32MB Power supply 9V 0.8A, built-in Power plug UK, EU, US, BR, AR, AU Power consumption No-load: 2.8W, Full-load: 5.2W Wireless Standard IEEE 802.11a, IEEE 802.11n, and IEEE 802.11ac wave 2 on 5 GHz IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n on 2.4 GHz 802.11b: 11 Mbps 802.11g: 54 Mbps 802.11g: 54 Mbps 802.11a: 807 Mbps 802.11a: 807 Mbps 802.11a: 807 Mbps 802.11a: 807 Mbps 802.11ac: 867 Mbps 802.11ac: 862.11ac 802.11ac 802.11	Port	1*10/100 Mbps RJ45
LED indicator 1 * WPS LED 1 * Power LED Flash memory 2MB Memory 32MB Power supply 9V 0.8A, built-in Power plug UK. EU. US. BR. AR. AU Power consumption No-load: 2.8W, Full-load: 5.2W Wireless Standard IEEE 802.11a, IEEE 802.11a, and IEEE 802.11ac wave2 on 5 GHz IEEE 802.11b, IEEE 802.11b, IEEE 802.11a on 2.4 GHz 802.11b: 11 Mbps 802.11b: 30 Mbps 802.11a: 30 Mbps 802.11a: 30 Mbps 802.11a: 30 Mbps 802.11a: 867 Mbps Frequency band 11a: 2.412-2.472 GHz 11ac: 5.150-5.250 GHz Transmit power 2.4 GHz 11b-1M-97dBm 11g-54M-76dBm 11g-54M-76dBm 11n-20M-MCS7-72dBm 5 GHz 11a-6M-95dBm 11n-20M-MCS7-72dBm 11a-40M-MCS7-72dBm 11a-40M-MCS7-72dBm 11a-40M-MCS7-72dBm 11a-6M-95dBm 11a-80M-MCS7-72dBm 11a-80M-MCS7	Button	Reset, WPS
Memory 32MB Power supply 9V 0.8A, built-in Power plug UK. EU. US. BR. AR. AU Power consumption No-load: 2.8W, Full-load: 5.2W Wireless Standard IEEE 802.11a, IEEE 802.11n, and IEEE 802.11a 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, 300 Mbps 802.11a: 867 Mbps 802.11a: 867 Mbps 802.11a: 867 Mbps Frequency band 11n: 2.412-2.472 GHz 11ac: 5.150-5.250 GHz Transmit power 2.4 GHz: 16dBm,(high, medium, low) 5 GHz: 12dBm,(high, medium, low) 1 1 1 M-10M-MCS7-74dBm 11n-20M-MCS7-72dBm 11n-20M-MCS7-72dBm 5 GHz: 11a-6M:-95dBm 11n-20M-MCS7-72dBm 11n-40M-MCS7-72dBm 11n	LED indicator	1 * WPS LED
Power supply Power plug Power consumption 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 802.11b: 11 Mbps 802.11c: 300 Mbps 802.11ac: 867 Mbps 802.11ac: 867 Mbps 802.11ac: 867 Mbps Frequency band 11n: 2.412-2.472 GHz 11ac: 5.150-5.250 GHz Transmit power 2.4 GHz: 16dBm,(high, medium, low) 5 GHz: 12dBm,(high, medium, low) 8 GHz: 12dBm,(high, medium, low) 8 GHz: 11n-40M-MCS7-74dBm 11n-20M-MCS7-72dBm 5 GHz: 11a-6M:-95dBm 11n-40M-MCS7-72dBm 11n-40M-MCS7-72	Flash memory	2MB
Power plug UK、EU、US、BR、AR、AU Power consumption No-load: 2.8W, Full-load: 5.2W Wireless Standard IEEE 802.11a, IEEE 802.11a, and IEEE 802.11ac wave2 on 5 GHz IEEE 802.11b, IEEE 802.11b, IEEE 802.11b, IEEE 802.11n on 2.4 GHz Bota rate B	Memory	32MB
Power consumption No-load: 2.8W, Full-load: 5.2W Wireless Standard IEEE 802.11a, IEEE 802.11a, and IEEE 802.11a wave2 on 5 GHz IEEE 802.11b; IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n on 2.4 GHz 802.11b: 11 Mbps 802.11b: 54 Mbps 802.11a: 867 Mbps 802.11a: 5.150-5.250 GHz Transmit power 2.4 GHz: 16dBm,(high, medium, low) 5 GHz: 12dBm,(high, medium, low) 2.4 GHz 11b-1M:-97dBm 11g-54M:-76dBm 11g-54M:-76dBm 11n-20M-MC57:-72dBm 5 GHz: 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11a-80M:-MC57:-72dBm 11a-80M:-MC57:-MC57:-MC57:-MC57*-MC57*-MC57*-MC57*-MC57*-MC57*-MC57*-MC57*-MC57*-MC57*-MC57*	Power supply	9V 0.8A, built-in
Standard IEEE 802.11a, IEEE 802.11n, and IEEE 802.11a wave2 on 5 GHz IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n on 2.4 GHz 802.11b: 11 Mbps	Power plug	UK、EU、US、BR、AR、AU
Standard IEEE 802.11a, IEEE 802.11a, and IEEE 802.11a wave2 on 5 GHz IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n on 2.4 GHz 802.11b: 11 Mbps 802.11g: 54 Mbps 802.11a: 300 Mbps 802.11a: 867 Mbps 802.11a: 867 Mbps Frequency band 11n: 2.412-2.472 GHz 11ac: 5.150-5.250 GHz Transmit power 2.4 GHz 11b-1M:-97dBm 11g-54M:-76dBm 11n-20M-MC57:-74dBm 11n-40M-MC57:-72dBm 5 GHz: 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11n-40M-MC57:-72dBm 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11a-6M:-95dBm 11n-20M-MC57:-72dBm 11a-80M-MC57:-72dBm 11a-80M-MC57:	Power consumption	No-load: 2.8W, Full-load: 5.2W
IEEE 802.11b, IEEE 802.11p, and IEEE 802.11n on 2.4 GHz	Wireless	
Data rate 802.11g: 54 Mbps 802.11ac: 867 Mbps 802.11ac: 867 Mbps 802.11ac: 5.150-5.250 GHz Transmit power 2.4 GHz: 12dBm,(high, medium, low) 5 GHz: 12dBm,(high, medium, low) 802.11ac: 5.150-5.250 GHz Transmit power 2.4 GHz 11b-1M:-97dBm 11g-54M:-76dBm 11n-20M-MCS7:-72dBm 5 GHz: 11a-6M:-95dBm 11n-20M-MCS7:-72dBm 11n-40M-MCS7:-72dBm 11n-20M-MCS7:-72dBm 11n-20M-MCS9:-63dBm 11n-20M-MCS9:-63dBm 2 * External 2dBi dual-band omni-directional antenna (non-detachable) Recommended application scenario 200 square meters (subject to the actual environment) Wireless security protocol Dimensions	Standard	
Transmit power 2.4 GHz: 16dBm,(high, medium, low) 5 GHz: 12dBm,(high, medium, low) 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:-72dBm 11n-20M-MCS7:-72dBm 5 GHz: 11a-6M:-95dBm 11n-20M-MCS7:-74dBm 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	Data rate	802.11g: 54 Mbps 802.11n: 300 Mbps
Figure 12dBm,(high, medium, low) 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:-72dBm 11n-40M-MCS7:-72dBm 11n-40M-MCS7:-72dBm 11n-40M-MCS7:-72dBm 11n-40M-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	Frequency band	
RSSI	Transmit power	
Recommended application scenario 200 square meters (subject to the actual environment) Encryption mode: Mix WPA-PSK/WPA2-PSK WPA algorithm: TKIP&AES Dimensions	RSSI	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
Wireless security protocol Encryption mode: Mix WPA-PSK/WPA2-PSK WPA algorithm: TKIP&AES Dimensions	Antenna	2 * External 2dBi dual-band omni-directional antenna (non-detachable)
WPA algorithm: TKIP&AES Dimensions	Recommended application scenario	200 square meters (subject to the actual environment)
	Wireless security protocol	
Dimension of one 80mm * 58mm * 48mm	Dimensions	
	Dimension of one	80mm * 58mm * 48mm

03

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	0°C~40°C
Storage temperature	-40°C~70 °C
Operating humidity	10%~90%RH, non-condensing
Storage temperature	5%~90%RH, non-condensing

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