

WR33-N300 WIFI Repeater



Brief Views

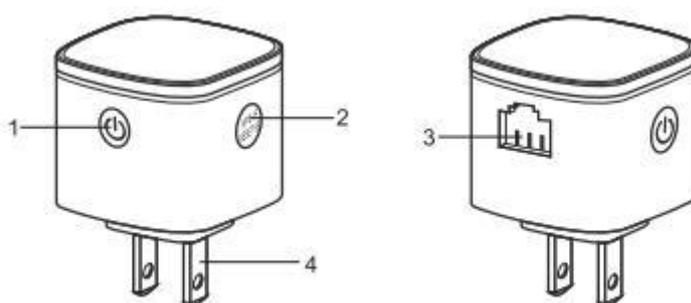
WR33-N300 wireless WIFI repeater is a wireless device independently developed by our company. It has the characteristics of signal expansion, strong compatibility, high speed, easy configuration and installation, intelligent management, light and portable. Used in conjunction with intelligent gateways or wireless routers, it can expand the coverage of wireless signals, extend transmission distance, and achieve wireless coverage of indoor signals without blind spots and seamless roaming. It is suitable for small-sized families, cafes, libraries, hotels and other multi-bedroom scenes.

Product Features

- Complies with IEEE802.11n and IEEE802.11b/g
- Eliminate WIFI dead zones
- Double the coverage of your wifi with easy
- Portable and compact-ideal for home and travel use
- Get multiple devices online simultaneously

- Provide up to 300Mbps transmission rates
- Support wireless security:64/128 bit WEP、 WPA /WPA2
- Easy wireless security encryption at a push of the WPS button
- Software wizard for simple setup
- Compact, wall plug design for convenient placement

Product Interface/Button and LED Definition



Interface/Button		Description
1	Power button	Turn on/off
2	WPS/RESET	WPS: Short press 1 second to start WPS function during device operation RESET: Press and hold for 5 seconds while the device is running, restore default factory settings.
3	LAN port	10/100M adaptive Ethernet port, for connecting PC, switches, etc.
4	Power plug	Device power plug, support 110-240V power supply

WLAN Indicator	Description
Slow flash	Device is powered on normally
Quick flash	Device for WPS adaptation
Constantly bright	Device relays successfully or is in AP mode.
Light off	Device is powered up abnormally or has failed.

 **Product Specification**

Item	Name	Parameter
Main Control	Chip solution	MTK7628KN
	FLASH/Memory	8MB/1MB
	Interface	1*10/100 RJ45
	Power	110~240V plug
	Indicator	1*status indicator light
Wireless	Frequency range	2.4~2.4835GHz
	Antenna	Built-in antenna, 2T2R
	Antenna gain	2* 2dbi
	Rate	11b: 1/2/5.5/11Mbps 11g: 6/9/12/18/24/36/48/54Mbps 11n: Max up to 300Mbps
	Channel	2.4G: 1~13
	Spread spectrum technology	DSSS (Direct sequence spread spectrum)
	Modulation	11b: CCK, QPSK, BPSK 11g: OFDM 11n: QPSK, BPSK, 16-QAM, 64-QAM
	Media access protocol	CSMA/CA with ACK
	Encryption	WPA-PSK/WPA2-PSK、WPA/WPA2
	Transmit power	2.4G: 11b: 18dBm@ 1~11Mbps 11g:16dBm @ 6~54Mbps 11n: 15dBm@ MCS0~7
	Receiving sensitivity	2.4G: 11b: <-84dbm@11Mbps; 11g: <-69dbm@ 54Mbps; 11n: HT20<-67dbm HT40: <-64dbm
Software	Main function	Relay / AP / routing three working modes
	Basic function	Wi-Fi setting
		Network setting
		System management; upgrade reset; reboot; modify password First time Configuration automatic pop-up setup wizard; configure Wi-Fi and network
	Language	English, follow-up support for many different languages
Environment	Operating temperature:	-10 ~ 50°C
	Storage temperature:	-40 ~ 70°C
	Operating humidity:	5 ~ 90%(Non-condensing)
	Storage humidity:	5 ~ 95%(Non-condensing)

Application

- Small family users;
- Hotel, cafe, multi-bedroom scene;

Ordering Information

Product Name	Product Model	Product Description
Wi-Fi Repeater	WR33-N300	1*10/100M adaptive Ethernet port, support 2.4G Wi-Fi function, plastic casing, 110~240V plug