

# AR525N2-MINI WI-FI REPEATER



The Wireless Mini Router supports 802.11 N wireless transmission standards, and compatible with IEEE802.11 b/g/n standards, which supports data rate up to 300 Mbps. The Wireless Mini Router is mainly used for providing free WI-FI service in big area such as factory, community, street or etc. For example, the normal enhancer can extend distance up to 300 meters away. It supports WEP, WPS and WPA/WPA2 of personal and enterprise encryption standards.

### Key Features

- ❖ Easy Setup
- ❖ 2\*3dbi Built-in antenna
- ❖ Fully compatible with IEEE802.11b/g/n
- ❖ WEP/WPA (TKIP)/WPA2 (AES)/WPA2 Mixed support

### Specifications

#### Hardware

Standard	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX
Interface	1* 10/100M Auto MDI/MDIX RJ45 WAN Port
	1*10/100M Auto MDI/MDIX RJ45 LAN port
LED	Power, WLAN, WAN, LAN
Antenna	2* 3dBi high gain External antenna

#### Wireless

Standard	IEEE802.11b, IEEE802.11g, IEEE802.11n
Operation Mode	Supports Router, Client, Bridge, Repeater, AP mode
Data Rate	Up to 300Mbps
Frequency Range	2.4G
Operating Channels	1~11 (USA, Canada)
	1~13 (Europe)
	1~14 (Japan),
Operating Channels	According to country list
Spread Spectrum	DSSS
Modulation type	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, DBPSK, DQPSK, CCK
Transmission Distance	Indoor up to 100m
	outdoor up to 300m (depends on environment)
Receive Sensitivity	11n : -70dBm@10% PER
	11g : -70dBm@10% PER
	11b: -85dBm@8% PER
Transmit Power	20dBm(Max)
Data Transfer Rate	802.11n: 40MHz(150/135/120/90/60/45/30/15Mbps)
	802.11n: 20MHz(72/65/57/43/28/21/14/7Mbps)
	802.11g: (54/48/36/24/18/12/11/9/6Mbps)
	802.11b: (11/9/6/5.5/2/1Mbps)
Encryption	64/128 bit WEP, WPA/WPA2/TKIP/AES encryption

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### Others

Environment	Operating Temperature: -0°C~40°C
	Storage temperature: -20°C~70°C
	Work Humidity: 10% ~ 90% RH Non-condensing
	Storage Humidity: 0% ~ 95% RH Non-condensing

### Certificate

Certificate	CE FCC
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