Ruijie | Reyee

RG-EW300 PRO
300Mbps Wireless Smart Router

DATASHEET

/ Highlights

- Stronger signal with 4 x 5dBi antenna and signal amplifiers
- Easy management, easy life
- Life-time free cloud management supported

/ Highlight Features

High Performing Wi-Fi 4 Home Router

Smart choice for your cozy family.
Best solution to fully utilize your Megabit bandwidth.

| 4 Megabit Ethernet Ports | 300Mbps | 802.11n |

Stronger Signal than the Average

Equipped with signal amplifiers (FEM),
four 5dBi omnidirectional antennas guarantee you efficient and stable connections.

FEM

/ Highlight Features

WISP & Repeater Mode Supported

Newly-added WISP & Repeater mode can amplify Wi-Fi signals to wider range.
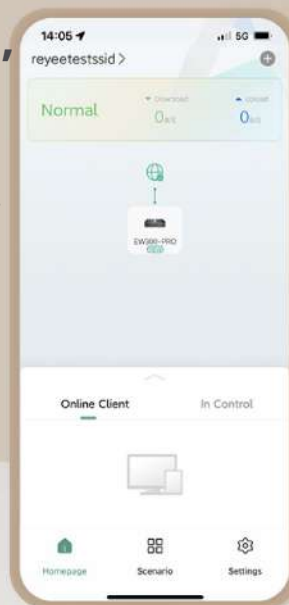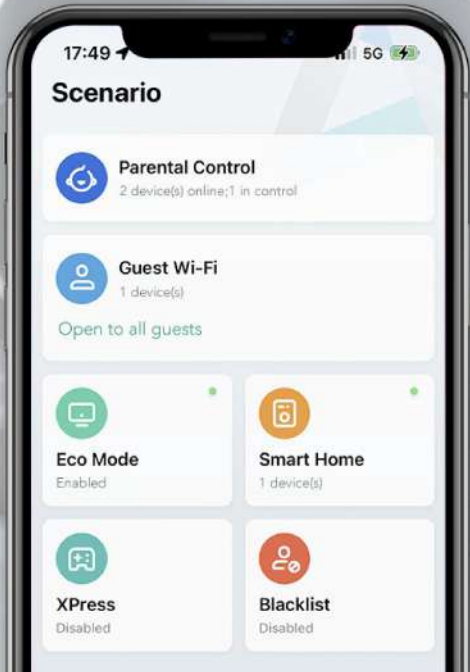Enjoy whole-room WiFi coverage and lag free network.

WISP Mode

WISP Outdoor AP

EW300 PRO

Repeater Mode

EW300 PRO

Main Router

Easy Configuration, Easy Life

Newbie-friendly configuration,
connect to the internet by a few clicks.

/ Highlight Features

Take Control of Your Home Network at Fingertips

Set up your home network in **Reyee Router App** in two minutes. More **Life-time Free** functions are waiting for you to Explore, Experience, Expect.

Remote Management   Parental Control   Guest Wi-Fi

Google Play   App Store

/ Specifications

Basic	
Dimensions(W×D×H)	210 mm × 180 mm × 33 mm (8.27 in. × 7.09 in. × 1.3 in. antennas not included)
Weight	0.2615 kg (packages not included)
Wi-Fi Standards	Wi-Fi 4 (802.11n)
MIMO	2.4 GHz, 2×2, MIMO
Max. Speed	2.4 GHz: 300 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz
Antennas	4
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 5 dBi
WAN Port	1, 10/100 Base-T
LAN Ports	3, 10/100 Base-T
Max. Clients	16
Recommended Clients	8
Power Supply	DC 12V/1A
Power Consumption	<12W
Operation Frequency Band	802.11a/b/g/n: 2.412 GHz to 2.472 GHz country-specific restrictions apply
Transmit Power	<20 dBm (2.4 GHz) country-specific restrictions apply
Receive Sensitivity	2.4 GHz: 802. 11b：-94 dBm (1Mbps)，-81dBm (11Mbps) 802. 11g：-86 dBm (6 Mbps)，-70 dBm (54 Mbps） 802. 11n (HT20)：-87 dBm (MCS0)，-69 dBm (MCS7) 802. 11n (HT40)：-84 dBm (MCS0)，-66 dBm (MCS7)
Operating Temperature	-10°C to +45°C (14 to 113 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE, RoHS

/ Specifications

Wireless	
Maximum Number of SSIDs	8
Hide SSID	✓
Guest Wi-Fi	✓
WPA/WPA2	✓
Blacklist	✓
Wi-Fi Optimization	✓
Transmission Power Adjustment	✓

Hardware	
Flash	16 MB
Memory	64 MB
Color	Black
Repeater Mode	✓
WISP Mode	✓
System LED Indicator	✓
Power Button	–
Reset Button	✓
Power Consumption	<12W

WAN	
Static IP	✓
DHCP	✓
PPPoE	✓
VLAN Tag	✓

/ Specifications

LAN	
DHCP Server	✓
Client List	✓
Static IP Assignment	✓
Flow Control	✓

Features	
TR069	✓
IPV6	✓
DDNS	✓
IPTV	✓
Alarm	✓
Diagnosis	✓
UPnP	✓
ARP Binding	✓
Port Mapping	✓
DMZ Host	✓
Rate Limitation of Terminals	✓
Hardware NAT	✓
MAC Cloning	✓
Cloud Management	✓
WISP MODE	✓

Security	
Parental Control	Schedule
Protect TCP Flood Attacks	✓

/ Specifications

System	
Default IP Address	192.168.110.1
URL Access	✓
Local Upgrade	✓
Online Upgrade	✓
APP Upgrade	✓
Syslog	✓
Backup	✓
Factory Reset	✓

/ Package Contents

Wireless Router	RG-EW300 PRO
Power Adapter	1
Quick Start Guide	1
UTP Cable	Cat5e
Package Weight	0.32 kg
Package Dimension (w×d×h)	329 mm × 230 mm × 55 mm

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Redefine your easy network

Ruijie Networks Co., Ltd.
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