

Ruijie Reyee RG-EW Series Routers

FAQs



Document Version: 1.0 Date: January 27, 2022 Copyright © 2022 Ruijie Networks

Copyright

Copyright © 2022 Ruijie Networks

All rights are reserved in this document and this statement.

Without the prior written consent of Ruijie Networks, any organization or individual shall not reproduce, extract, back up, modify, or propagate the content of this document in any manner or in any form, or translate it into other languages or use some or all parts of the document for commercial purposes.



All other trademarks or registered trademarks mentioned in this document are owned by their respective owners.

Disclaimer

The products, services, or features you purchase are subject to commercial contracts and terms, and some or all of the products, services, or features described in this document may not be available for you to purchase or use. Except for the agreement in the contract, Ruijie Networks makes no explicit or implicit statements or warranties with respect to the content of this document.

The content of this document will be updated from time to time due to product version upgrades or other reasons, Ruijie Networks reserves the right to modify the content of the document without any notice or prompt.

This manual is designed merely as a user guide. Ruijie Networks has tried its best to ensure the accuracy and reliability of the content when compiling this manual, but it does not guarantee that the content of the manual is completely free of errors or omissions, and all the information in this manual does not constitute any explicit or implicit warranties.

Preface

Technical Support

• The official website of Ruijie Reyee: <u>https://www.ruijienetworks.com/products/reyee</u>

Contents

Preface	I
Contents	2
1 Login	3
1.1 What is the default management IP address of the Reyee EW series devices ?	6
1.2 How to log in to Reyee EW series devices?	6
1.2.1 Log in to the device in a wired way:	6
1.2.2 Log in to the device in a wireless way	6
1.2.3 Log in to the device via Ruijie Cloud APP	6
1.2.4 Log in to the device via Reyee Router APP1	C
1.3 What can I do if I fail to log in to the eWeb management system?	3
2 Password14	1
2.1 What is the default login password of the Reyee EW series devices?	4
2.2 How to change the device's login password?1	4
2.2.1 Log into the eWeb to change the login password	4
2.2.2 Log into Ruijie Cloud web system to change the login password14	4
2.2.3 Log into Ruijie Cloud App to change the login password1	6
2.2.4 Log into Ruijie Router App to change the login password1	7
2.3 What can I do if I forget the device's login password?1	8
3 PPPoE)
3.1 What should I do if PPPoE failed?1	9
4 DHCP)
4.1 What should I do if the device cannot get IP address through DHCP?20	0
5 Slow Internet Speed	1

5.1 What should I do if my internet speed is slow?	21
6 Internet Access	
6.1 What should I do if I cannot access the internet?	22
7 Wireless Configuration	23
7.1 What's the default Wi-Fi name of Reyee EW?	23
7.2 What can I do if SSID configuration on Ruijie Cloud fails to synchronize to Reyee	EW series
devices?	23
7.3 How to adjust radio setting when the wireless network is bad?	24
8 Guest Wi-Fi	
8.1 What is Guest Wi-Fi?	28
8.2 How to configure Guest Wi-Fi on eWeb?	28
8.3 How to configure Guest Wi-Fi on Reyee Router App?	28
8.4 How to configure Guest Wi-Fi on Ruijie Cloud APP?	
8.5 What can I do if it promotes that "The configuration is only supported on the proje	ect with
gateway"?	
9 Flow Control	
9.1 What is Flow Control?	34
9.2 How to configure Flow Control?	
10 DDNS	
10.1 What is Dynamic DNS (DDNS)?	
10.2 Which DDNS service providers are available for Reyee EW series devices?	35
10.3 What scenarios DDNS are used in?	35
11 Mesh Function	
11.1 Do different models of EW devices can mesh with each other?	
11.2 Can wired mesh switch to wireless mesh?	

11.3 The master device has been powered off, will the salve device automatically connect	t to
master when it is powered on again?	37
11.4 What should I do if it takes a long time for the salve to reconnect to the master after t	the
master has restarted?	37
11.5 If the EW router works in repeater mode, can it still support the Mesh function?	37
11.6 Why the SSID and channel cannot be changed on the slave device after meshing	
successfully?	37
11.7 What should I do if I fail to mesh?	37
12 Wireless Repeater	39
12.1 What is Wireless Repeater Mode on Reyee EW series devices?	39
12.2 Whether EW series routers can support wireless repeater with other manufacturers'	
equipment?	
12.3 How far can the distance between the primary router and the secondary router be?	39
12.4 How to configure Wireless Repeater on Reyee EW series Home Routers?	39
12.5 What can I do if it prompts to unplug the cable to avoid loops when I select EW to wi	reless
repeater mode?	42
12.6 What can I do if I fail to configure Wireless Repeater?	42
12.7 Why I fail to configure DHCP on EW router when it is in Wireless Repeater Mode?	42
13 Parental Control	43
13.1 What is Parental Control?	43
13.2 How to configure parental control on Reyee Router APP?	43
13.3 How to configure parental control on eWeb?	47
13.4 What can I do if I fail to configure parental control?	49
14 Reyee EW series Parameters	50
14.1 Where can I find all parameters of mesh Routers?	50

14.2 What's the coverage of EW series products?	50
14.3 What's the maximum number of recommended users of EW series products?	51
14.4 How many SSIDs can be created on EW series products?	51
14.5 How many EW series products can be meshed?	51
14.6 Whether different EW series products can be meshed with each other?	52

1 Login

1.1 What is the default management IP address of the Reyee EW series devices ?

For Reyee EW series Routers, the default management IP address is 192.168.110.1.

1.2 How to log in to Reyee EW series devices?

You can log in to the device in a wired or wireless way:

1.2.1 Log in to the device in a wired way:

- 1. Connect PC to the LAN port of the device.
- 2. Set the IP addresses of PC and management interface are within the same network segment.
- 3. Log in to the device by using the default management address 192.168.110.1.

1.2.2 Log in to the device in a wireless way

- 1. Connect to the default wireless SSID "@Ruijie-sXXXX".
- 2. Log in to the device by using the default management address 192.168.110.1.

1.2.3 Log in to the device via Ruijie Cloud APP

1. Click Create a Project. You can add devices on Ruijie Cloud App by either Connect to Wi-Fi or Scan QR-code.

C Search	Ruijie Cloud	Search 🗘 🖂
Speed Test Support Demo	Speed Test	pport Demo
Your account will expire in 28 days. Tap here to activate now.	Your account will expire in 28 o	lays. Tap here to activate now.
My (0) Shared (0) + Create a Project	My(0) Shared (2)	+ Create a Project
First time use Ruijie Cloud? Try demo now	Rugiir Bayas Self-Organiz	ing Network
	× Create	Project (?)
+	Have Re	vee APs?
Croate Your First Project		
Make sure your network devices are all connected and powered up.	No. Scan QR-code	Yes. Connect to Wi-Fi

a Scan QR-code:

Tap Scan QR-code. Scan the QR code at the bottom label of the device.

b Connect to Wi-Fi:

Tap **Start** > **Yes**, **Continue** > **Connect** to access the default SSID "@Ruijie-sXXXX". See the default SSID at the bottom label of the device.



2. Check whether the devices are detected. Tap Start Config.



3. Name the project and enter Management password.

<	Basic Config		
Project Config	Internet Config	O Wi-Fi Cont	fig
Project Name *			
Enter project na	me		
Management Pas	sword *		
More than 8 lett	ers and numbers		27-44
 contains 3 of t lowercase le uppercase le numbers: 01 special char can not contai can not contai 	these character typ etters: abcd l23 acters: <=>[]!@#\$' in "admin" in spaces or questi	ees: ⊧(). on marks	
Scenario *			
	News		

4. Tap **Next** and select an Internet connection type.

<	Basic Config	
Project Config	Internet Config	Wi-Fi Config
Internet Coni	nection*	
DHCP		~
Network par assigned. Yo	ameters are auto u don't need to o	omatically configure.
802.1Q Tag		
	NIL	
	Next	

5. Tap **Next** and configure an SSID and a password.

<		Basic Config	
 Project Co 	nfig	Internet Config	Wi-Fi Config
SSID/Wi-Fi N	lame	*	
Enter the SS	SID/W	/i-Fi name	
Open			
Password *	8 c	haracters at least	×
China Fip: Please sele	ect yo	ur country or region.	

 Tap Save. Wait for one to two minutes until configuration is complete. Tap Connect to access the new Wi-Fi.



1.2.4 Log in to the device via Reyee Router APP

Download Reyee Router APP at https://play.google.com/store/apps/details?id=cn.com.ruijie.reyeerouter

1. Add a device: Tap + and tap Add Network.

Login

	+	6	<	Network	More
			Please sele	ect a mode to add the netwo	rk.
			Selec	Wire House Repertories	Cases
A Homepage	00 Scenario	(i) Settings		Add Network	

2. Connect the device: Connect the device as indicated by the following figure. Check both items and tap Next.

< Before Start

Step 1:

Please complete the following steps, and then check each option box.





3. Connect to a Wi-Fi: Tap **Open Wi-Fi List**. Connect to default SSID **Reyee-sXXXX**. See the default SSID on the bottom label of the device.

<	Before Start	

Step 2:

Connect to the Wi-Fi of Reyee Router in Settings > WLAN, and then return to the Reyee Router App.

ſ	WLAN	٦		
@R	xxxx-sX	xxx		
		ſ	Wi-Fi Name:@Rx	xxx-sX000
			M 112	



4. Configure an SSID and a Wi-Fi password: You can configure a Wi-Fi password the same as the management password.

<	Router Config	
SSID/Wi-Fi N	lame	
Please enter	the SSID	
Password		
Please enter	the Wi-Fi password.	244
Keep the Wi-Fi pas	management password the	e same with the
	Next	

5. Check the new SSID and password after configuration succeeds.

Configuration su	cceeded.
You can access the Internet after r	econnecting to the Wi–Fi.
SSID/Wi-Fi Name	
5G	100 MICH
Password	
	1 4006

1.3 What can I do if I fail to log in to the eWeb management system?

- (1) Check that the network cable is properly connected to the LAN port of the device and the corresponding LED indicator blinks or is steady on.
- (2) Before accessing the configuration GUI, set the IP assignment mode to obtain an IP address automatically (recommended), so that the server with DHCP enabled can automatically assign an IP address to the PC. To designate a static IP address to the PC, set the IP address of the PC in the same network segment as the IP address of the management interface.
- (3) Run the ping command to test the connectivity between the PC and the device.
- (4) If the login failure persists, restore the device to factory settings.

2 Password

FAQs

2.1 What is the default login password of the Reyee EW series devices?

No username and password are required at your first login and you can configure the router directly.

2.2 How to change the device's login password?

There are four ways to change the device's login password:

2.2.1 Log into the eWeb to change the login password.

Mobile Phone View: Choose More > System > Password.

PC View: Choose More > System > Login > Login Password.

Enter the old password and a new password. After saving the configuration, log in again with the new password.

\leftarrow	Password	S
I	Change the login password. Please log in again with the new password later.	0
* Old Pa	ssword	
* New P	assword	
* Confirm	m Password	
	Save	

2.2.2 Log into Ruijie Cloud web system to change the login password.

If the device are online on Ruijie Cloud, you can modify the management password on the Cloud eWeb.

Method 1

(1) Select a project from **Project List** and click **Edit** in the **Action** column.

Ruijie	MONITORING CONFIGURATION	MAINTENANCE •										🔮 o 😐	® 8	•
A abcdetg@111.com V	Project Management How to Use?											<project st<="" th=""><th>naring</th><th></th></project>	naring	
PROJECT	0	^											^	
ବି WIRELESS	B @ Root	Project Info												
Basic	BPSKtest *	Root		Marca and a state of the										
Layout	- \$ 32 *	Project group in	iciudes many networks	. You can use it to	represent ur	e netwoi	k or a p	IOVIII	e, a city of a	a company.				
Radio Planning	- 🍰 PPSK *	Add Project Group	td Project											
Roaming	_க EST		ad t toyout											
Bluetooth	- 🚓 test123 *													
Land Delension	- Cloud_Auth_Test -	Project List												
Load balancing	- & FG2100 *	1 TOJOU LIN												
AUTHENTICATION	- & GTAC Revee *	Name	Parent Project	Туре	Devices /	Alarms		Action	_		Advanced			
Captive Portal	Cloud_Auth_Test_Auto	PPSKtest	ROOT	Project	0/1	<u>0</u>	~ (6 🛛	1	Dashboard	A Topology	<u> </u>		
PPSK	_ கீ AP710	32	ROOT	Project	0/0	<u>0</u>	< i	6 0	2	Dashboard	A Topology			
Voucher	e 🛅 1	PPSK	ROOT	🖧 Project	0/2	<u>0</u>	< i	8	L.	Dashboard	at Topology	Wireless		
Account	- 🖧 1	EST	ROOT	🖧 Project	0/1	<u>0</u>	< 1	0 🗉	2	1 Dashboard	A Topology	Wireless		
Facu Sharing	– ≟ zw7281127	test123	ROOT	8 Project	4/8	<u>0</u>	< 1	0 8	2	Dashboard	A Topology	∻ Wireless		
Easy Snanng	🗈 wei zhang	Cloud_Auth_Test	ROOT	Project	1/2	<u>0</u>	< 1	6 0	2	Dashboard	A Topology	∻ Wireless		
ADVANCED	sta test100	RyeeNetwork1	ROOT	Project	0/1	0	< 1	7 0	2	Dashboard	A Topology	 [™] [™] [™] [™] [™] [™] [™]		
Batch CLI Config	B Incontine 1	EG2100	ROOT	A Project	3/6	Q	~ 1	0	2	Dashboard	and Topology	<u> [™] Wireless </u>		
Customize CLI Set	≗ <u>m</u> iocau0n1_1	GTAC_Reyee	ROOT	A Project	1/1	Q	< 1	0 E	2	Dashboard	and Topology			
AP VLAN	- ft 1 1 2	Cloud Auth Test Auto	ROOT	A Project	0/0	0	< 1	e m	0	∂ Dashboard		T Wreless		







Ruíjie	MONITORING CONFIGURA						_			° 0 0 0
A abcdefg@111.com V		Edit Management Password					×			
PROJECT	Project Management How to	Note: For project security, please con will be used for the eWeb systems of	figure the manag all devices in the	ement password first. The network.	manageme	nt passwo	d			Project Sharin
	B @ Root	Provide a contract of Password					- 1			
Basic	- 🚓 PPSKtest *	Management Password								
Layout	- <u>666</u> 32 *	managonona r abonora					- 1			
Radio Planning	- 🚔 PPSK *				_		_			
	- 🖧 EST				Sav	e Clo	ie			
	test123 *		_				-			
	Cloud_Auth_Test *									
	RyeeNetwork1 *									
① AUTHENTICATION	EG2100 *	Failed to I	oad the man F	lease refresh the name			in the second		Advanced	
	GIAC_Revee		au are map. r	iouso foncon alo pago			0	2	<u> က Dashboard</u> နီ Topolog	y <u>r Wireless</u>
	ADZ10							2	û Dashboard 축 Topolog	v 🕆 Wireless
PPSK								0	Dashboard & Topolog	v 🗇 Wireless
Voucher									ODaebbeard & Tenelog	Sutralace
Account							_	<u>v</u>	W Dashboard are Topolog	y <u>vvireless</u>
Easy Sharing	Bi wei zhang				Save	Cance		2	O Dashboard & Topolog	y <u>TWireless</u>
A 101411050	A test100								O Dashboard & Topolog	y <u>?Wireless</u>
W ADVANCED	It Location 1	RyeeNetwork1	ROOT	Project					û Dashboard · ஃ Topolog	y <u>?Wireless</u>
Batch CLI Config	B Diacation1 1	EG2100	ROOT	🖧 Project	3/6		<i>8</i> 0	2	Dashboard & Topolog	y 🗇 Wireless
Customize CLI Set	- # 1 1 1*	GTAC_Reyee	ROOT	Project	1/1		0 0	2	Dashboard & Topolog	y 🗇 Wireless
AP VLAN	1_1_2	Cloud_Auth_Test_Auto	ROOT	a Project	0/0		67 1	2	Dashboard & Topolog	y 🗇 Wireless

Method 2

Choose **CONFIGURATION** > **WIRELESS** > **Basic** and change the login password.

MONITORING CONFIGURATION Ruíjie 🍊 + Add Demo Project 💕 🛱 😗 🔇 😂 A abcdefg@111.c. ng_Kong Manage Project Take over Network Unbind Device 123456 V Search Network Q (GMT+8:00)Asia/ A PROJECT ⊕ NETWORK-WIDE Note: The "Telnet Settings", "Client Isolation" and "Wireless Intrusion Detection" functions can only be enabled on Ruijie Enterprise devices Security Network Routing eWeb 🛛 VLAN eWeb 📻 Configure Password Password ruijie123. Basic Telnet Settings 🕜 Layout Telnet 🔍 Radio Password Wi-Fi Optimization ÷ Roaming Bluetooth **Client Isolation** AP-based Client Isolation (Clients on the same AP are isolated) Load Balancing ① AUTHENTICATION AP&SSID-based Client Isolation (Clients on the same AP with the same SSID are isolated) Captive Portal NEW User Managen Wireless Intrusion Detection

2.2.3 Log into Ruijie Cloud App to change the login password.

Edit Password < 0 Secen_as_1116 Management Password User Experience Device Password (used for the eWeb system). For project safety, please ensure the password: Tool Kit Office Config ⊘ has at least 8 characters Wi-Fi Mgmt Network Test Roaming Optimization Roaming Test ⊘ contains 3 of these character types: · lowercase letters: abcd. · uppercase letters: ABCD... Q 88 \oplus Û • numbers: 0123.. special characters: <=>[]!@#\$*(). Diagnose Optimize Add Device Update ⊘ can not contain "admin" ⊘ can not contain spaces or question marks ۰Ç 0 (a U Share Speed Test Restart Inspect 6 0 Scheduled Restart Restore Settings ₽ Ľ Device Password Project Name Report Advanced <u>dh</u>

Enter the project page and tap Tool Kit to change the device password.

Caution

In the same network, Reyee EW series devices are using the same login password.

FAQs



2.2.4 Log into Ruijie Router App to change the login password.

(1) Choose Advanced > Settings > Management Password.



(2) Change the management password and tap Save.

< Change Managemen	Passw
Management Password	
	2
The management password can b eWeb system.For project safety, pl password:	e used to log in to ease ensure the
The management password can b eWeb system.For project safety, pl password:	e used to log in to ease ensure the //pes: S*().



2.3 What can I do if I forget the device's login password?

- (1) If you manage your Reyee EW series devices on Ruijie Cloud or Reyee Router APP, you can modify the password through Ruijie Cloud.
- (2) If the Reyee EW series devices is not on Ruijie Cloud, you can press the reset button on the device for more than 5s to restore the factory settings.

A Caution

Restoring factory settings will delete the existing configuration and you are required to configure the device again at your next login. Therefore, exercise caution when performing this operation.

3 PPPOE

3.1 What should I do if PPPoE failed?

(1) Check the PPPoE records to get connection logs.

Rujie	Reyee	1 Home	8 Clients) Internet	جُ Wi-Fi	-o- -o- More
⊕ Basics ^	Configure MAN	N sattings				
WAN	Conligure WA	v settings.				
LAN	* Internet	РРРОЕ	~			
IPTV/VLAN	* Username	Username				
IPv6 Address	Ø Forgot Ac	count? Obtain Account	from Old Device			
Repeater Mode	* Password	Password	375			
	IP	0.0.0.0				
⊘ Security ∨	Subnet Mask	0.0.0.0				
🗄 Advanced 🛛 🗸	Gateway	0.0.0.0				
	DNS Server	0.0.0.0				
∵a- -a- System ∨		Advanced Settings				
		Save				

- (2) Check whether the PPPoE account and password are correct.
- (3) Check whether the IP address assigned by the ISP will conflict with the IP address existing on the router.
- (4) Check whether the MTU setting of the device meets the requirements of the ISP.

Mobile Phone View: Choose More > Switch to PC view > More > Basics > WAN > Advanced Settings. PC View: Choose More > Basics > WAN > Advanced Settings.

The default MTU value is 1500, which is the maximum MTU size. You are advised to gradually adjust the value to 1492, 1400, or even smaller if necessary.

i Configure WAI	N settings.
* Internet	DHCP v
	No username or password is required for DHCP clients.
IP	172.20.141.109
Subnet Mask	255.255.255.0
Gateway	172.20.141.1
DNS Server	172.30.44.20 192.168.5.28
	Advanced Settings
* MTU	1500
* MAC	28:d0:f5:00:01:64
	Save

4 DHCP

4.1 What should I do if the device cannot get IP address through DHCP?

Check the DHCP Server configuration:

- o Whether the DHCP service is enabled.
- o Whether the corresponding DHCP address pool is configured.
- o Whether the number of IP addresses in the DHCP address pool is sufficient.

LAN Settings	DHCP Clients	Static IP Addresses	DNS Proxy
IAN Settin The LAN point of the onsure new point of t	gs rt is configured wi twork connection	th An address conflict o	:curs The IP address of the LAN port
ť	IP 192.168.1	11.1	
* Subnet M	ask 255.255.2	255.0	
Rem	ark Remark		
* M	AC 00:d0:f8:1	5:08:49	
DHCP Ser	ver		
* St	art 192.168.1	11.1	
* IP Co	unt 254		
* Lease Time(N	lin) 30		
	Sa	ive	

5 Slow Internet Speed

5.1 What should I do if my internet speed is slow?

Compare the test speed results of a PC connected directly to the ISP router/modem and the PC connected to the Reyee EW series devices, if the results are the same, the problem is the ISP router/modem. If the results are different, please try the following steps.

(1) Check whether Smart Flow Control is enabled.

Mobile Phone View: Choose More > Switch to PC view > More > Advanced > Flow Control > Smart Flow Control.

PC View: Choose More > Advanced > Flow Control > Smart Flow Control.

Smart Flow Control				
<i>i</i> Smart Flow Cont Adjust the bandwid	rol ith allocated to each	n user according to t	he user cour	nt.
Enable	If you want	to test the WAN	rate, please	e disable smart flow control first.
WAN Bandwidth	* Up 100	Mbps * Down	100	Mbps

(2) Replace the network cable for testing.

If the wireless speed is still slow, modify Radio Channel, Channel Width and Transmit Power. See 7.3.

6 Internet Access

6.1 What should I do if I cannot access the internet?

(1) Check whether the device (PC/phone) gets the correct IP address.

If the device's IP address is 169.254.x.x or 0.0.0.0, it means that the device doesn't get correct IP address.

- o Try disconnect the wired or wireless connection and then reconnect it.
- o Try reboot the device.
- (2) If the device gets the correct IP address, please try change DNS server to 8.8.8.8 or 8.8.4.4.
- (3) Try unplug and replug the network cable between router and ISP.

If the problem is still unsolvable, you may start a Live Chat with our Support Engineer for assistance: <u>Ruijie</u> <u>Support</u>

7 Wireless Configuration

7.1 What's the default Wi-Fi name of Reyee EW?

For Reyee EW series routers, the default Wi-Fi name is "@Ruijie-sxxxx"(xxxx is the last four digits of the MAC address. See the MAC address on the bottom label of the device).

7.2 What can I do if SSID configuration on Ruijie Cloud fails to synchronize to Reyee EW series devices?

(1) Check the Status and Config Status of the Reyee EW series devices. If the Reyee EW series devices Status is offline, the cloud will not deliver configurations to the device. If the Reyee EW series devices is online and the Config Status is in synchronizing status, you can trigger the configuration synchronization manually.

Ruíjie			- Add Demo Project 🛛 😫 😧 😌 😌
A OVERVIEW	ReyeeMes Search Network Q		(GMT-7:00)Asia/Banglok Manage Project Take over Network Unbind Device
Dashboard Topology Alarm	Home Router List (click "SN" to view details) toevices will dd Wee CLI eithe Upgrade More • 0	h new firmware avaitable Selected	Auto Retear: D C ut IT - 11
Network Voucher E DEVICE AP AC Switch Gateway	Online Status NI Sync Allas © oninv 010044050231 Smoot Materia Mill © Oninv 010044050233 Smoot Materia Mill © Oninv 010044050233 Smoot Materia Mill © Oninv 0100400502330 Smoot Ballies	MAC Management (P) Egress (P) Clients Network exPo p24 102.108.133 17.169.108.172 2 filtrandball dat exPo app 102.108.133 17.169.108.172 2 filtrandball dat exPo app 102.108.133 124.202.18 - Barendball 2800 969 102.102.23 124.102.24 - Barendball Freet Previoue PApp 1 Met Last	Firmware Version Last Offlice Model Description Action Reyendo 17.17.1517 2022-09-40 (9:32.07) EV18000L-PR0 Add Image: Comparison of Comparison
Home Router Bridge & TERMINAL Cameras NVR & CLIENT			
Config Stat	us(C: <u>C::::::::::::::::::::</u>)		×
To synchron	nize all configurations to the device, please click Manu Deliver ORefresh	ally Deliver. If a configuration fails to be synchronized, p	please click \mathbf{F} in the Action column to deliver it again.
To synchron	nize all configurations to the device, please click Manu Deliver ORefresh Config	ally Deliver. If a configuration fails to be synchronized, p Status	please click ₽ in the Action column to deliver it again. Action
To synchroi	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized	olease click 🕞 in the Action column to deliver it again. Action F6
To synchron	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized Synchronized	Dease click 🕞 in the Action column to deliver it again. Action টি টি
To synchron	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized Synchronized Synchronized Synchronized	Dease click 🕞 in the Action column to deliver it again.
To synchron	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config; WO schedule	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized Synchronized Synchronized Synchronized Synchronized	Dease click P ₀ in the Action column to deliver it again.
To synchron Manually + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config; WO schedule Network management password configuration;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized Synchronized Synchronized Synchronized Synchronized Synchronized	Action Action Solution
To synchron To synchron the	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config; WO schedule Network management password configuration; Time Zone Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized Synchronized Synchronized Synchronized Synchronized Synchronized Synchronized	Action Action Solease click Point the Action column to deliver it again. Action Solease Click Point Column to deliver it again. Action Solease Click Point Column to deliver it again. Action
To synchroi Manually I + + + + + + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config; WIO schedule Network management password configuration; Time Zone Settings; Device Name Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized Synchronized Synchronized Synchronized Synchronized Synchronized Synchronized Synchronized	Action Action Solease click
To synchroi Manually I + + + + + + + + + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config; WIO schedule Network management password configuration; Time Zone Settings; Device Name Settings; RF Power Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized	Dease click 🕞 in the Action column to deliver it again.
To synchroi	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config: WIO schedule Network management password configuration; Time Zone Settings; Device Name Settings; RF Power Settings; Wireless Signal Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized	Action Action Solease click in the Action column to deliver it again. Action Solease click in the Action column to deliver it again. Action Solease click in the Action column to deliver it again. Action Solease click in the Action column to deliver it again. Action Solease click in the Action column to deliver it again. Solease click in the Action column to deliver it again. Solease click in the Action column to deliver it again. Solease click in the Action column to deliver it again. Solease click in the Action column to deliver it again. Solease click in the Action column to deliver it again. Solease click in the Action in the A
To synchron Manually I + + + + + + + + + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config; WIO schedule Network management password configuration; Time Zone Settings; Device Name Settings; RF Power Settings; Wireless Signal Settings; Wireless Signal Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized	Action Action Sease click in the Action column to deliver it again. Action Sease Sease Sease Sease Se
To synchron Manually I + + + + + + + + + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config; WIO schedule Network management password configuration; WIO schedule Network management password configuration; Time Zone Settings; Device Name Settings; Device Name Settings; Wireless Signal Settings; Wireless Blacklist/Whitelist Settings Based on SSID; CWMP Interval Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized	Action Action Selease click in the Action column to deliver it again. Action Re Re Re Re Re Re Re Re Re R
To synchron Manually I + + + + + + + + + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config: WIO schedule Network management password configuration; Time Zone Settings; Device Name Settings; Device Name Settings; RF Power Settings; Wireless Blacklist/Whitelist Settings Based on SSID; CWMP Interval Settings; SSID Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized	Action Action Action Selease click is in the Action column to deliver it again. Action Selease click is in the Action column to deliver it again. Action Selease click is in the Action column to deliver it again. Selease click is in the Action column to deliver it a
To synchron Manually I + + + + + + + + + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config: WIO schedule Network management password configuration; WIO schedule Network management password configuration; Time Zone Settings; Device Name Settings; Device Name Settings; RF Power Settings; Wireless Blacklist/Whitelist Settings Based on SSID; CWMP Interval Settings; SSID Settings; Los Settings;	ally Deliver. If a configuration fails to be synchronized, p Status Synchronized	Action Action Action
To synchron Manually I + + + + + + + + + + + + +	nize all configurations to the device, please click Manu Deliver ORefresh Config Diagnosis Logging Settings; Scheduled restart configuration Indicator config: WIO schedule MOS schedule MO	ally Deliver. If a configuration fails to be synchronized, g Status Synchronized	Action Action Action

(2) Check whether the SSID configuration is saved successfully. Click **Save**, then check the device configuration again.

Ruíjie 📥 🛛 M		N MAINTENANCE					+ Add D	rmo Project 🧧 🗘 😨 🔇 🖯
(A) n ~	ReyeeMe > Se	arch Network: Q					(GMT+7:00)Asia/Bangkok Menage Project	Take over Network Unbind Device
A PROJECT								
NETWORK-WIDE								Sam Mana
Network								0010
Routing	Wireless Configuration							^
VLAN	SSID O							
	WLAN ID	S SID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode	Action
Basic	4	Virus	wpa/wpa2-psk	Na	Bridge	1	Auth Disabled	i <u>i</u>
Layout	2	Virus_5G	wpa/wpa2-psk	No	Bridge	2	Auth Disabled	
Radio			First Previous	Page 1 of 1	Next			10 . 2 in total
Wi-Fi Optimization								0
Roaming	Radio G							
Bluetooth	Destruction (Ohio)		Desteo/Colleg					
Load Balancing	Raulo1(2.4GHz)		Radio2(56Hz)					
O AUTHENTICATION	ON/OFF		ON/OFF					
Captive Portal				ſ				
User Management	Max Cilents		Max clients					
PPSK	Enable DFS		Enable DFS					
Batch CLI Config	Note: The "Teinet Settings", "C	lient Isolation" and "Wireless in	rusion Detection" functions can only be ena	bled on Ruijle Enterprise	devices.			
Customize CLI Set	Security							v
AP VLAN								
	eWeb 🖤							
	eweb							
	Password	~ Configu	re Password					

- (3) Check whether the Reyee EW series devices version is the latest one. If not, upgrade it.
- (4) If the features you configured are not supported by Reyee EW series devices, the related configurations will not be synchronized to Reyee EW series devices.

	MONITORING CONFIGUR				🗳 🛛 🙆 😵 😌
A abcdefg@111.com V	SSID				×
PROJECT	WLAN ID	1 v	Hidden	No v	twork Unbind Device
	SSID	testPsk	Forward Mode Ø	Bridge v	More -
Basic	Encryption Mode	WPA/WPA2-PSK ~	VLAN ID	1	
Layout	Password	ruijie123	Radio	Radio1(2.4GHz) Radio2(5GHz)	^
Radio Planning Roaming				Radio3 @ (2.4GHz or 5GHz)	Action
Bluetooth	Wi-Fi6 Ø				C 🚊
Load Balancing	5G-Prior Access Ø				
② AUTHENTICATION	Tip: There are Reyee device	s in the network. The "Speed Limit per Client", "Spee	d Limit by SSID", "Auth" functions ca	n only be enabled on Ruijie Enterprise devices.	
Captive Portal	Speed Limit per Client	0			区直
Voucher	Creard Limit by COID				10 + 5 in total
Account	Speed Limit by SSID				
Easy Sharing	Auth				
ADVANCED		ок	Cancel		
Batch CLI Config	ON/OFF	ON/OFF			_
AP VLAN	Max Clients	32 Max Client	32 32		

7.3 How to adjust radio setting when the wireless network is bad?

The device detects the surrounding wireless environment and selects the appropriate configuration upon poweron. However, network stalling caused by wireless environment changes cannot be avoided.

A Caution

After being optimized, the Wi-Fi network will restart, and clients need to reconnect to the W-Fi network. Therefore, exercise caution when performing this operation.

• Optimizing the radio channel

Mobile Phone View: Choose More > Channel Transmit Power.

PC View: Choose More > Wireless > Radio Frequency.

Choose the best channel identified by Wi-Fi Moho or other Wi-Fi scanning App. Click **Save** to make the configuration take effect immediately. Excess clients connected to a channel can bring stronger wireless interference.

Note

The available channel is related to the country or region code. Select the local country or region.

A Caution

The Wi-Fi network will restart after the radio channel is changed. Therefore, exercise caution when performing this operation.

←	More Settings	S		
9	Network Schedule Configure Internet access time and application	>		
€	Wizard Internet/WI-FI/Scan QR Code	>	Channel Transmit Power	G
ហ	Repeater Mode Router/Wired Repeater/Wireless Repeater	>	Tip: Changing configuration requires a reboot and clients will be reconnected.	
Q	Network Check Check the current network status smartly.	>	Radio Frequency	
5	Roaming Optimization Roaming Sensitivity Level	>	2.4G Channel	
Ш	Country(Region)/Channel Width	>	Auto	~
	Channel Transmit Power Country(Region)/Transmit Power/Roaming Sensitivity Level	>	Auto	-
	XPress	>	1 (2.412GHz)	
Ho	me Internet Wi-Fi	More	2 (2.417GHz)	

• Optimizing the channel width

Mobile Phone View: Choose More> Country(Region)/Channel Width.

PC View: Choose More > Wireless > Radio Frequency.

If the interference is severe, choose a lower channel width to avoid network stalling. The router supports the 20 MHz and 40 MHz channel width. You are advised to select 20MHz channel width. After changing the channel width, tap **Save** to make the configuration take effect immediately.

🛕 Caution

After the change, the Wi-Fi network will restart, and clients need to reconnect to the W-Fi network. Therefore, exercise caution when performing this operation.

Radio Frequency Country/Region United States (US) 2.4G Channel Width Auto 2.0MHz 40MHz

Optimizing the transmit power

Mobile Phone View: Choose More > Channel Transmit Power.

PC View: Choose More > Wireless > Radio Frequency.

A greater transmit power indicates a larger coverage and brings stronger interference to surrounding wireless routers. The default value is **Auto**, indicating automatic adjustment of the transmit power. In a scenario in which routers are installed densely, a lower transmit power is recommended.

🛕 Caution

After the change, the Wi-Fi network will restart, and clients need to reconnect to the W-Fi network. Therefore, exercise caution when performing this operation.

Radio	o Frequency			
2.4G Cha	innel			
Auto				~
Transmit	Power			
O Auto	Lower	Low	Medium	High
		Save		

Configuring the roaming sensitivity (optional)

Mobile Phone View: Choose More > Roaming Optimization.

PC View: Choose More > Wireless > Radio Frequency.

Clients such as mobile phones support the roaming function but the sensitivity level may not be high enough. The roaming sensitivity enables the device to actively disconnect a client from the Wi-Fi network when the client is far away, forcing the client to re-select the nearest signal and thus improving the sensitivity of wireless roaming.

The default value (low sensitivity) is recommended.

A Caution

After the change, the Wi-Fi network will restart, and clients need to reconnect to the W-Fi network.

High sensitivity level may cause unnecessary Wi-Fi network disconnection. Therefore, exercise caution when performing this operation.



8 Guest Wi-Fi

8.1 What is Guest Wi-Fi?

A guest Wi-Fi network provides an access point to the internet separate from the one your primary devices connect to. Wi-Fi works by connecting devices to a single router that grants internet access. By creating a separate entry to the internet with guest Wi-Fi, you're allowing internet access for devices that may be more susceptible to viruses without allowing them to connect to your home network.

8.2 How to configure Guest Wi-Fi on eWeb?

Mobile Phone View: Choose Wi-Fi > Wi-Fi Settings.

The page displays the master Wi-Fi network, guest Wi-Fi network, and smart Wi-Fi network from top to bottom. Click Add Wi-Fi in Guest Wi-Fi and set the SSID and password.

PC View: Choose More > WLAN > Wi-Fi > Wi-Fi Settings/Guest Wi-Fi/Smart Wi-Fi.

← Wi-Fi	C	\leftarrow	Wi-Fi	S
Wi-Fi Settings		Guest Wi-Fi		
2.46 @Ruijie-s0848 + Add Wi-Fi	Secured >	* SSID SSI	ID	
Guest Wi-Fi		Wi-Fi Password		
+ Add Wi-Fi		Hide SSID Clients will not find this SSID I	by scanning.	
Smart Wi-Fi			0	
+ Add WI-FI			Save	

8.3 How to configure Guest Wi-Fi on Reyee Router App?

(1) Choose Scenario > Guest Wi-Fi > Enable.



(2) After you create the guest Wi-Fi, its SSID is displayed. It is open to all guests by default. You can also tap Edit to change its SSID, password and online duration.

Succe	eded to a (Valid f	add the g	uest Wi-f	Ĩ
SSID/Wi-Fi	Name			
Reyeess	id_GU	EST		
Password				
Open to	all gue	ests		
	[Edit]	

(3) Disable Smart Connect, and you can configure 2.4 GHz and 5 GHz SSIDs separately. Uncheck Open, and you can change the Wi-Fi password. Tap Duration and set an online duration. After the timer expires, the Guest Wi-Fi is turned off automatically. Tap Save to save Guest Wi-Fi settings.

< G	uest Wi-Fi
Guest Wi-Fi	
Smart Connect	
SSID/Wi-Fi Name(2.40	Wide coverage but low speed
Reyeessid_GUEST	
SSID/Wi-Fi Name(5G)	High speed but limited coverage
Reyeessid_GUEST_5	G
Password	Open
Please enter the Wi-F	Fi password.
Duration	12 hours >

(4) Disable Guest Wi-Fi and tap Save. The Guest Wi-Fi is turned off.



Save	

8.4 How to configure Guest Wi-Fi on Ruijie Cloud APP?

(1) Click the project you want to set your Guest Wi-Fi.



(2) Find out "Guest Wi-Fi" in the basic scenario feature list, and tap Enable.

<	E		QC	
☐ Office	t Flow Control Disabled	Guest V Disab	Wi-Fi led	IP MGMT Disabled
Enabled	i on 8000+ Reyee p	rojects.		Enable
You o client Inter netw spee	can create a Guest ts connected with net only but can n ork. In addition, yo d limit for these cli	Wi-Fi fo this Wi- ot access ou can co ients.	or visitor: Fi can ac s the inte onfigure	s. The ccess the ernal Internet
Featu	re ect internal network	security		
Lim	t broadcast storm or	virus	One-clic	k op/off
				K ON/ON
How	to enable			K ON/ON
How Confi	to enable g Step			K OIDON

(3) In the Guest-Wi-Fi page, you can set SSID, Password.

2.4G and 5G will use the same SSID/password. Router will automatically select the better band for clients. Name/SSID(2.4G) Wide coverage but low speed Enter WLAN name/SSID Name/SSID(5G) High speed but limited coverage Enter WLAN name/SSID Password Open Please enter the Wi-Fi password.	Smart Connect				
Name/SSID(2.4G) Wide coverage but low speed Enter WLAN name/SSID Name/SSID(5G) High speed but limited coverage Enter WLAN name/SSID Password Open Please enter the Wi-Fi password. Hide Wi-Fi Clients will not find this network. Enable Wi-Fi6 Only take effect on Wi-Fi6 devices.	2.4G and 5G will use the s automatically select the b	same SSID/password. I oetter band for clients.	Router will		
Enter WLAN name/SSID Name/SSID(5G) High speed but limited coverage Enter WLAN name/SSID Password Open Please enter the Wi-Fi password.	Name/SSID(2.4G)	Wide coverage	but low speed		
Name/SSID(5G) High speed but limited coverage Enter WLAN name/SSID Password Open Please enter the Wi-Fi password. >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Enter WLAN name/S	SSID			
Enter WLAN name/SSID Password Open Please enter the Wi-Fi password. Hide Wi-Fi Clients will not find this network. Enable Wi-Fió Only take effect on Wi-Fió devices.	Name/SSID(5G)	High speed but lin	nited coverage		
Password Open Please enter the Wi-Fi password. > Hide Wi-Fi One Clients will not find this network. One Enable Wi-Fi6 One Only take effect on Wi-Fi6 devices. One	Enter WLAN name/S	SSID			
Please enter the Wi-Fi password. >> Hide Wi-Fi Image: Clients will not find this network. Enable Wi-Fi6 Image: Clients will represent the second seco	Password		Open		
Hide Wi-Fi Clients will not find this network. Enable Wi-Fi6 Clients will not Fild devices.	Please enter the Wi-	-Fi password.	×~*		
Enable Wi-Fi6 Only take effect on Wi-Fi6 devices.	Hide Wi-Fi Clients will not find this n	network.			
	Enable Wi-Fi6 Only take effect on Wi-Fi	i6 devices.			
		Save			
Save					

8.5 What can I do if it promotes that "The configuration is only supported on the project with gateway"?

If the EW series routers work in the Wi-Fi extension mode, Guest Wi-Fi needs to have an EG, because it needs EG to do ACL configuration for implementation.



9 Flow Control

9.1 What is Flow Control?

Revee Smart Flow Control is a feature used to avoid congestion by optimizing user's traffic. The working principle is shown as below: when the total user traffic is lower than the maximum WAN bandwidth, the rate limit policy will not be applied, every user will get the required bandwidth. However, when the total user traffic exceeds the maximum WAN bandwidth, the user-based rate limit will take effect. The total WAN bandwidth will be equally allocated to every user.

9.2 How to configure Flow Control?

Mobile Phone View: Choose More > Switch to PC view > More > Advanced > Flow Control > Smart Flow Control.

PC View: Choose More > Advanced > Flow Control > Smart Flow Control.

Click **Enable** and set the network bandwidth provided by the ISP. After the configuration is saved, the router adjusts the bandwidth of each client based on the total bandwidth to prevent any one client from occupying too much bandwidth.

🛕 Note

After flow control is enabled, speed measurement will be affected. Disable flow control if you want to do speed measurement.

Sm	art Flow Control					
	Adjust the bandw	ntrol vidth allocated to eac	h user accord	ing to the use	r count.	
	Enable	If you wan	t to test the	WAN rate, p	lease disable smar	t flow control first.
	WAN Bandwidth	* Up 100	Mbps *	Down 100	Mbps	
		Save				

10 DDNS

10.1 What is Dynamic DNS (DDNS)?

Dynamic DNS is a service that lets anyone on the Internet gain access to resources on a local network when the Internet address of that network is constantly changing. Such resources are typically a Web server, Webcam or a PC for remote control operation.

10.2 Which DDNS service providers are available for Reyee EW series devices?

Reyee EW series devices supports No-IP DNS and DynDNS.

10.3 What scenarios DDNS are used in?

- Access to intranet servers or cameras via domain name.
- (1) Configure DDNS on Reyee EW series devices.

Mobile Phone View: Choose More > Switch to PC view > More > Advanced > Dynamic DNS > Dynamic DNS.

PC View: Choose More > Advanced > Dynamic DNS > Dynamic DNS.

Peanut	Shell NAT	Dynamic DNS	No-IP DNS	DynDNS
0	Dynamic DNS It is recommend HTTPS mapping	led to use Peanut She J.	ell for NAT, includii	ng TCP, UDP, HTTP and
	* Username			
	* Password			
		Log In	Delete	
	Link Status	-		
	Domain	-		

(2) Configure port mapping on Reyee EW series devices which can map certain TCP/UDP ports to the corresponding ports on the intranet device.

Mobile Phone View: Choose More > Switch to PC view > More > Advanced > Port Mapping.

PC View: Choose More > Advanced > Port Mapping.

Port Mapping	NAT-DMZ		
🥡 Port Mapp	oing		?
Port Mappin	ıg List 庄	Add 🗇 De	elete Selected
Up to 50 entrie	es can be add	ed.	
Name	Protocol	External IP Address	External Port
		Ν	o Data
< 1 >	10/page		Total 0

11 Mesh Function

11.1 Do different models of EW devices can mesh with each other?

Yes, all EW series routers can mesh with each other.

11.2 Can wired mesh switch to wireless mesh?

Yes, after wired mesh has been established successfully, it will automatically switch to wireless mesh if you disconnect the network cable between routers.

11.3 The master device has been powered off, will the salve device automatically connect to master when it is powered on again?

When the master device is powered off, the slave device will probe the master device uninterruptedly. When the master device is powered on again, it will be detected by the slave and the slave will connect with the master once again.

11.4 What should I do if it takes a long time for the salve to reconnect to the master after the master has restarted?

Please check if the wireless channel of the master device is one of the following: CH52, CH56, CH60, CH64, CH100, CH104, CH108, CH112, CH116, CH120, CH124, CH128, CH132, CH136, CH140, if so, please try to change the wireless channel of the master device to other channels.

11.5 If the EW router works in repeater mode, can it still support the Mesh function?

It doesn't support the mesh function when working in repeater mode.

11.6 Why the SSID and channel cannot be changed on the slave device after meshing successfully?

You cannot change the SSID and Channel on the slave device, but can change them on the Master device. When the Master's configuration changes, the Slave's configuration will change accordingly.

11.7 What should I do if I fail to mesh?

(1) Please check the distance between the two devices. When establishing the mesh for the first time, the Slave device should be within two meters of the Master device (unobstructed environment).

(2) When moving a Slave device to a location where Wi-Fi coverage is required, there is no more than one wall between the Slave device and the Master device. If more than two walls exist between two devices, the mesh rebuild may fail.

12 Wireless Repeater

12.1 What is Wireless Repeater Mode on Reyee EW series devices?

Wireless Repeater Mode allows you to establish a wireless connection between the primary router and the secondary router to extend network coverage.

12.2 Whether EW series routers can support wireless repeater with other manufacturers' equipment?

Yes, Reyee EW series routers support wireless repeater with other manufactures' equipment.

12.3 How far can the distance between the primary router and the secondary router be?

The distance between the EW router and the primary router can't exceed two walls.

12.4 How to configure Wireless Repeater on Reyee EW series Home Routers?

(1) Connect your PC to the EW1200G Pro LAN port, and then log in with the default LAN IP 192.168.110.1.

\leftrightarrow \rightarrow C	→ C ▲ Not secure http://192.168.110.1/cgi-bin/luci/stok=a0cf8c26ce256df9ec96c32dcd89a7c2/ehr/home_overview Q								Q ☆) :
Ruj	jie I &Reyce	1 Home	8 Clients	Internet	⊘ Wi-Fi	 More		English ~		٩	8
	Internet -			EW1200G-PRO		Wireless wired	1 • Clients				
	Device Details										
	Model: EW1200G-PRO MAC: COMMONS OF MAC: Hardware Ver: 1.00		Hostname: Duration: Software Ver:	Ruijie & 6 minutes 41 seconds ReyeeOS 1.55.1915		SN: (Systime: 2021-08-26	16:03:18				
	Wi-Fi										
	Primary Wi-Fi: @Ruijie-s49FD Image: Guest Wi-Fi: Image: Security: No Security: Yes Security: No				No						
	Interface Details										
	Connected Disconnected										

(2) Click More > Repeater Mode, and choose Wireless Repeater.

Ruijie	I Reyce	1 Home	8 Clients	Internet	(r wi-Fi	 More	E	inglish ~	0-0 10	٩	8
● Basics WAN LAN IPTV/VLAN IPV6 Address @ Wireless ② Security △ Advanced ④ Diagnostics ※ System	The device is working is Router This mode all This mode all This recomme Wireless Repeat * Primary Router SSID	n Router mode. The follow Wrred Repeater lows you to establish a wirele ter will work as a secondary re- model to select a SG Wi-Fr of ter Select	In three modes are avai Wireless Repeater ss connection between a p outer. the primary router.	lable:	Jary router, extending net	work coverage.					
≪Collapse											

(3) Click **Select** to choose the Primary Router SSID.

R				8 Client		() ternet			More			
⊕ Basics		The device is working	in Router mode. The fo									
WAN		O Router	O Wired Repeater	5G Wi-Fi List S	elect a target W	/i-Fi.						
LAN		• This mode al	llows you to establish a w iter will work as a second		5G	✓ Re-sca	in		coverage.			
IP10/VLAN		It is recomm	ended to select a 5G Wi-	SSID	BSSSID	Security	Channel	RSSI				
Repeater Mo	de	Wireless Repea	ter	Test1	c4:70:ab:a2:71:66	OPEN	52	-11 dBm High				
🕾 Wireless		* Primary Router SSID	Test1 Select	Test1	ec:b9:70:23:a4:99	OPEN	56	-14 dBm High				
⊘ Security		Local Router Wi-Fi	 New Wi-Fi Same as Primary F 	@Ruijie- sBC90.5G	32:0d:9e:9e:bc:93	OPEN	36	-16 dBm High				
음 Advanced		* SSID(2.4G)	Test1_plus	@Ruijie-guest-	32:0d:9e:fe:bc:93	OPEN	36	-16 dBm				
@ Diagnostics		* SSID(5G)	Test1_plus_5G	cantive	06-05-88-33-00-50	OPEN	157	-23 dBm				
:a: System		Password	A blank value indic	- ap or e		0.01		High	-			
			Save									G
												Ai
«Collapse	•											

(4) Configure the Local Router Wi-Fi and click **Save**.

Ruijie	I #Reyee	1 Home	8 Clients	Internet	(Wi-Fi	-a- -a- More	Engli	h∨ ∰a	P	8
⊕ Basics ^	The device is working in	Router mode. The follow	wing three modes are availa	able:						
WAN	Router	Wired Repeater	• Wireless Repeater							
lan IPTV/VLAN	This mode allow The local route It is recomment	ws you to establish a wirel r will work as a secondary ded to select a 5G Wi-Fi o	ess connection between a pri router. f the primary router.	imary router and a secon	dary router, extending netw	ork coverage.				
IPv6 Address	Wireless Repeate	r								
ি Wireless ∽	* Primary Router SSID 1	Select								
⊘ Security ∽	Local Router Wi-Fi	New Wi-Fi Same as Primary Rou	ter Wi-Fi							
合Advanced ~	* SSID(2.4G)	Test1_plus								
@Diagnostics ~	* SSID(5G)	Test1_plus_5G								
System 🗸	Password	•••••	٢							
		Save								

(5) Finish.



🛕 Caution

The local router configured in wireless repeater mode will work as the secondary router. It is recommended to select 5G Wi-Fi of the primary router.

12.5 What can I do if it prompts to unplug the cable to avoid loops when I select EW to wireless repeater mode?

Ruíjie I ®R		1 Home	8 Clients	Internet		-B- -B- More				8
⊕ Basics ^ ^	The device is wo	rking in Router m	ode. The following	a three modes are av	ailable:					
WAN	O Router	O Wired R	epeater	 Wireless Repeate 	r					
LAN	• This n	node allows you to	stablich a wisslass	connection between a	nrimani varitar and a	recondary router,	extending network cove	rage.		
IPTV/VLAN	It is re	commended to	The WAN port	is plugged in w	ith a cable. \times					
IPv6 Address		prog the coste t	lease unplug the	cable to avoid loops						
Repeater Mode	Wireless R	epeater			OK					
ିଙ୍କ Wireless 🗸 🗸	* Primary Route	r SSID Select								
⊘ Security ✓										
🗄 Advanced 🛛 🗸							Clic	k RITA fo	r help.	Ail
«Collapse										

The above situation occurs because the device detects that there is a network cable plugged into the WAN port. You can follow the prompt to unplug the network cable of the WAN port of the EW router to prevent loops.

12.6 What can I do if I fail to configure Wireless Repeater?

- (1) Check whether the SSID can be searched, if it fails, check the primary router status and test if other devices can search the SSID of the primary router.
- (2) Check whether the EW router can get IP address via DHCP successfully, if it fails, please check the DHCP configuration on DHCP server and test if other devices connecting to the same SSID can get IP successfully.
- (3) Put the secondary router and the primary router closer and do wireless bridge once again.
- (4) Connect the LAN port of the primary router to the WAN port of the secondary router, and configure it as a wired repeater, after it has bridged successfully, disconnect the network cable and switch as wireless repeater.
- (5) Restore factory setting and bridge once again.

If the problem is still unsolvable, you may start a Live Chat with our Support Engineer for assistance: <u>Ruijie</u> <u>Support</u>.

12.7 Why I fail to configure DHCP on EW router when it is in Wireless Repeater Mode?

When EW is in Wireless Repeater Mode, it can't support DHCP server

13 Parental Control

13.1 What is Parental Control?

Parental Control is a tool to manage user's internet use, which means that you can set a certain period of time for the users to access the internet.

13.2 How to configure parental control on Reyee Router APP?

- (1) Configure a rule
 - a Choose Homepage > In Control > Enable parental control.



c Click **Sleep mode** to block the access to network, or click **Custom** to specify either allowed or blocked time. You can also click **Skip** to skip settings.

< Block Schedule

Schedule a downtime for your child

Sleep mode Set downtime at night to help your child get enough sleep	
Set the start time and end time of a downtime schedule	
	< Rule List
	Select a preferred mode To switch the mode, delete all existing rules first.
	Configure Allow Time Access the Internet during the configured period
Skip	Configure Block Time Block the Internet during the configured period

d Select a mode, configure the start time and end time for a rule, and tap **Save**. The schedule will be displayed.

<	Rule List									
Repeat		Thu $>$								
Allow Whole Day			<			Allow	Time			
Allow whole Day					List			We	ek	
Start Time		15:57 📏		Mon	Tue	Wed	Thur	Fri	Sat	Sun
End Time		17:57 >	08:00							
			09:00							
			10:00							
			11:00							
			12:00							
			13:00							
			14:00							
			15:00							
			16:00							
			17:00							
	Save		19:00							

(2) Add or edit a rule.

a Click any rule on the **Parental Control** page to enter the rule list.



b Tap a rule to enter its page. Click Add Rule to add a rule.

<	Rule List		:
List		Week	
Allow 16:57 to Thu	17:57		>

And Date	
Add Rule	

- (3) Block Internet access
 - a Tap **Block Now** and select when to block the Internet access: immediately,15 minutes, 30 minutes, or 60 minutes later. After the timer expires, the device cannot access the Internet even when the time is in the allowlist.



b Tap Allow Today to allow the device to access the Internet all day long.



c Tap **Restore** to allow the device to access the Internet even at a blocked time. The device follows the configured schedule next day.



(4) Disable Parental Control

Select the target device. After entering its page, tap **Remove**, and the device will be disabled with parental control.

<	Par	ental Control	
The c	ae97.2f1c. Online Allow Int lient can access	865e 2 ermet Access s the Internet tool	Remove
	Block Now	R	estore
Blo	ock Schedule	1 rule is going to	take effect. >
T	16:57 to 17: ^{Thu} 16:57 to 17:57 Allow	57	

13.3 How to configure parental control on eWeb?

(1) Connect your PC to the LAN port of the EW, and log in by using the default IP of LAN port 192.168.110.1.

\leftrightarrow \rightarrow C	Not secure http://192.168.1	10.1/cgi-bin/luci/;sto	ok=a0cf8c26ce	e256df9ec96c32dcd89	a7c2/ehr/home_	overview			ର 🕁	:
Ru	jie I Reyce	for Home	8 Clients	Internet	(Wi-Fi	 More		English ~		8
	Internet -	(s)		EW1200G-PRO	Wit	eless	1 Clients			
	Device Details									
	Model: EW1200G-PRO MAC: CONSIGNED Hardware Ver: 1.00		Hostname: Duration: Software Ver:	Ruijie ⊄ 6 minutes 41 seconds ReyeeOS 1.55.1915		SN: (Systime: 2021-08-26	5 16:03:18			
	Wi-Fi									
	Primary Wi-Fi: @Ruijie-s49FD Security: Yes			Guest Wi-Fi Security	: No					
	Interface Details									
	Connected Disconnected									

(2) Click Clients > Block Time Management

Rujje	1 Home	8 Clients	Internet	(r) Wi-Fi	 More		English ~			8
Clients The client list includes	online clients and blocked clients	. The client going offline	e will not disappear immediately. I	nstead, the client will stay	r in the list for thre	e more minutes.	0			
Clients	S	earch by IP/MAC/User	mame Q 🛛 🔉 Refresh	Blocked Time Manag	gement B	locked WLAN Clie	nts Management			
Username/Type	П	P/MAC	Current Rate		Blocked Tim	e	Action \$			
RX1501	192.168 00:e0:4c:6	8.110.2 6 ⁹ 18:42:ff Unbinded	Up:0.00bps Down:0.00bps	Not Set (No + Add Bloc	o time is blocked.) ked Time		Wired Client			
< 1 > 10/pag	e ~						Total 1			
Ruíjie MReyce	L Home	8 Clients	Internet	(îr Wi-Fi	 More		English ~		٩	8
Ruffe Reyee	لک Home	Clients	H Internet	(în Wi-Fi	 More	nutes.	English ~		ê	8
Clients	Home Blocked Time Manage	(Reference) Clients	Internet	(îr Wi-Fi	-B -B More	× nutes. AN Clie	English ~ ② Ints Management	<u>.</u>	٩	8
Clients Username/Type	Home Blocked Time Manage	Clients	Internet	Image: Wi-Fi + Add	More	× nutes. AN Clie	English ~ ② nts Management Action \$		٩	8
Clients Username/Type	Home Blocked Time Manage Blocked Time List Set a time to prevent client	Clients ment	Internet	€ Wi-Fi + Add	More	× nutes. LAN Clie	English ~ mts Management Action ÷ Wired Client		٩	8
Clients Username/Type	Home Blocked Time Manage Blocked Time List Set a time to prevent client	Clients ment as accessing the Internet ked Time	Lup to 32 entries can be added Blocked MAC No Data	Wi-Fi + Add Remar	More Delete Select k Actio	× nutes. AN Clie	English ~ (2) Ints Management Action + Wired Client Total 1		¢	8
Clients Username/Type Vired Vired Username/Type	Home Blocked Time Manage Blocked Time List Set a time to prevent client Block	Clients ment ts accessing the Internet ked Time	Lup to 32 entries can be added Blocked MAC No Data	VI.FI + Add	More More Delete Selete	× nutes. AN Clie n tal 0	English Ints Management Action = Wired Client Total 1		ê	8
Clients Username/Type Clients Username/Type Clients Username/Type Wired Username/Type	Home Blocked Time Manage Blocked Time List Set a time to prevent client Block	Clients ment s accessing the Internet ked Time	Liternet	₩-FI + Add Remar	Delete Select	× nutes. AN Clie n tal 0	English - mits Management Action = Wired Client Total 3		<u>¢</u>	8
Clients Username/Type Clients Username/Type CX1501 Wired	Home Blocked Time Manage Blocked Time List Set a time to prevent client Block	Clients ment ts accessing the Internet keed Time	Linternet	Wi-Fi	More More k Actio	× nutes. AN Clie n tal 0	English ~ ② Ints Management Action • Wired Client Total 3		ê	8
Clients Username/Type Vired Vired Username/Type	Home Blocked Time Manage Blocked Time List Set a time to prevent client Blocked Time List	Clients ment ts accessing the Internet ked Time	Liternet	Wi Fi	Delete Selet	× nutes. AN Cire n tal 0	English Ints Management Action = Wired Client Total 1	¥	\$	8

(3) Fill your kids MAC address, and choose the block time.

Rujje		(B) Clients	Internet				
Clients The client list includes	Blocked Time Mar	Add Rule			×××	nutes.	
Clients	Blocked Time Li	Blocked Time	Weekdays		i Delete Selected	AN Clients Management	
Username/Type	Set a time to prevent	* Blocked MAC	C			Action ¢	
Wired		Remark	Kids		c Action	Wired Client	
5 1 2 10/pag				Cancel	Total 0	Iotal I	
L							

13.4 What can I do if I fail to configure parental control?

- (1) Check whether current time is within the range of blocked time that you scheduled before.
- (2) Check whether the MAC address of the device is correct.
- (3) Check whether you have enabled the Private MAC on your phone, if yes, please choose to **Use device MAC**.

$ imes$ Huawei-8G Network details \checkmark		
(i)	((1-	
Status Connected	Technology Generation 5	
	all Signal strongth	
263Mbps	Excellent	
()	(P)	
Security WPA/WPA2-Personal	IP address fe80::aa9c:edff:fef3:f6d e 192.168.1.100	
8		
Subnet mask 255.255.255.0	Gateway 192.168.1.1	
Proxy	None ≎	
IP settings	DHCP \$	
Privacy	Use device MAC ≎	

14 Reyee EW series Parameters

14.1 Where can I find all parameters of mesh Routers?

Model	RG-EW1200R	RG-EW300 PRO	RG-EW1200G PRO	RG-EW1200	RG-EW1800GX PRO	RG-EW3200GX PRO
Туре	Mesh Wi-Fi Extender	Mesh Wi-Fi	Mesh Wi-Fi	Mesh Wi-Fi	Mesh Wi-Fi	Mesh Wi-Fi
Recommended Number of Clients	24	8	32	24	48	64
Maximum Transmit Power	100mw	100mw	100mw	100mw	100mw	100mw
Antenna Gain	2.4G: 2dBi 5G: 3dBi	2.4G: 5dBi	2.4 GHz: 6 dBi 5 GHz: 6 dBi	2.4 GHz: 6 dBi 5 GHz: 6 dBi	2.4 GHz: 5 dBi 5 GHz: 6 dBi	2.4 GHz: 5 dBi 5 GHz: 6 dBi
Coverage	30Meters	30Meters	30Meters	30Meters	30Meters	30Meters
Sub-interface	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support
PPPoE	Support	Support	Support	Support	Support	Support
NAT	Support	Support	Support	Support	Support	Support
Port Mapping	Not Support	Not Support	Support	Support	Support	Support
DMZ	Support	Support	Support	Support	Support	Support
Flow Control	Support	Support	Support	Support	Support	Support
Multi-WAN	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support
Blacklist	Support	Support	Support	Support	Support	Support
Whitelist	Support	Support	Support	Support	Support	Support
ARP Binding	Support	Support	Support	Support	Support	Support
Wireless Repeater	Support	Support	Support	Support	Support	Support
UPnP	Not Support	Not Support	Support	Support	Support	Support
MESH	Support	Not Support	Support	Support	Support	Support
DDNS	Not Support	Not Support	Support	Support	Support	Support
SNMP	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support
Ruijie Cloud	Support	Support	Support	Support	Support	Support
Ruijie Cloud APP	Support	Support	Support	Support	Support	Support
APP Upgrade	Support	Support	Support	Support	Support	Support
APP Reload	Support	Support	Support	Support	Support	Support
Reload Regularly	Support	Support	Support	Support	Support	Support
PoE Power Supply	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support
DC Power Supply	-	12V 1A	12V 1.5A	12V 0.6A	12V 1.5A	12V 2A
AC Power Supply	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support
Different SSID with differnet VLAN	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support
L2 Roaming	Support	Support	Support	Support	Support	Support
L3 Roaming	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support

The following table lists the parameters of all EW series routers.

You can also view the parameters of the EW series routers by clicking the following link.

https://community.ruijienetworks.com/forum.php?mod=viewthread&tid=1821&fromuid=545

14.2 What's the coverage of EW series products?

Model	Coverage
RG-EW1200R	30Meter
RG-EW300 PRO	30Meter
RG-EW1200G PRO	30Meter
RG-EW1200	30Meter
RG-EW1800GX PRO	30Meter
RG-EW3200GX PRO	30Meter

14.3 What's the maximum number of recommended users of EW series products?

Model	Recommended Number of Clients
RG-EW1200R	24
RG-EW300 PRO	8
RG-EW1200G PRO	32
RG-EW1200	24
RG-EW1800GX PRO	48
RG-EW3200GX PRO	64

14.4 How many SSIDs can be created on EW series products?

Model	WLAN ID Number/SSID number
RG-EW1200R	3/6
RG-EW300 PRO	3/3
RG-EW1200G PRO	3/6
RG-EW1200	3/6
RG-EW1800GX PRO	3/6
RG-EW3200GX PRO	3/6

14.5 How many EW series products can be meshed?

• If point to point, EW can support up to three units.



• If point to multi-point, EW can support up to five units.



14.6 Whether different EW series products can be meshed with each other?

Yes, EW series products can mesh with each other except EW300 PRO.