Quick Installation Guide

AC1200 Wireless Dual Band Concurrent
Easy Repeater
RE-7438UC

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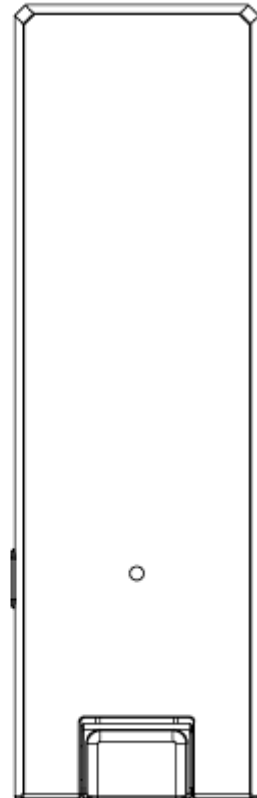Email: support@edimax.com

Package Contents

Before you starting to use this repeater, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

☐ WiFi Repeater Unit (1 pcs)
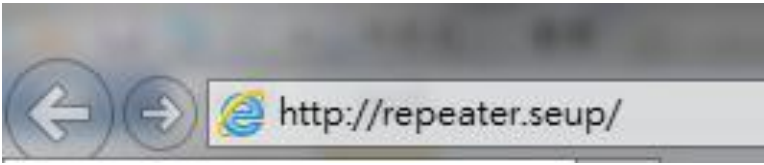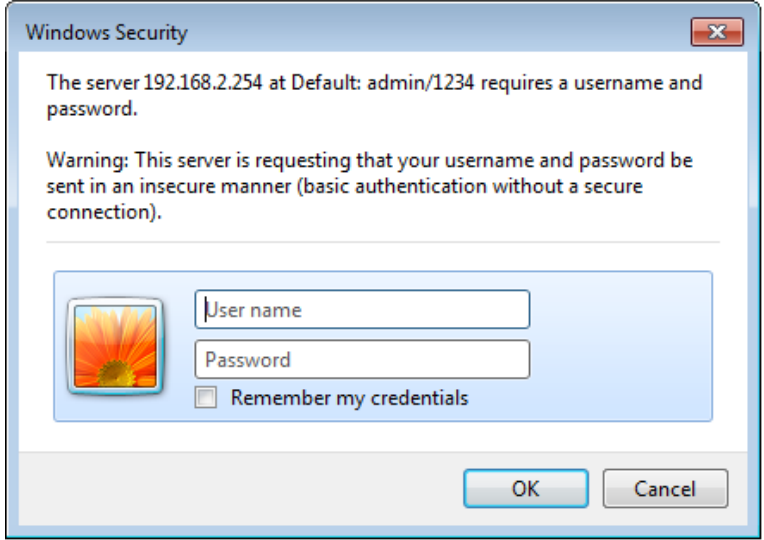☐ User Manual and Quick Installation Guide CD-ROM (1 pcs)

Build Network Connections

This repeater is your wireless range extender ! It can easily extend your wireless signal and coverage to help you to solve wireless dead zone problem.

For the first time setup, you can move this repeater close to the access point you wish to connect, after installation done, you can move the repeater to the place you wish to use.

Following procedure is for establishing connection via login WEB UI. Please make sure your computer is DHCP client (obtain IP automatically from DHCP server).

	1. Use your computer's wireless configuration utility to search for SSID named '**repeater.seup**' and get connected.
	2. Open web browser and input ' **http://repeater.seup/**' in address bar. Note: **0003** is an example, it's the last 4 digits of device MAC number, find it on each device label.
	3. Wireless repeater will prompt you to input username and password. Default username is '**admin**' and password is '**1234**'. Click 'OK' button to continue.

4

○	2.4G	CHENG_2EX	1	WPA2-PSK	44	
○	2.4G	HITRON-D450	6	WPA-PSK/WPA2-PSK	42	
○	2.4G	Xiaomi_C77A	6	WPA-PSK/WPA2-PSK	42	
○	2.4G	TP-LINK_4B8634	2	WPA-PSK/WPA2-PSK	42	
○	2.4G	kurniawan	4	WPA2-PSK	42	
○	2.4G	COZY_Tenda_22_9F	3	WPA-PSK/WPA2-PSK	36	
○	2.4G	ASUS	1	no	36	
○	5G	Poky House_5G	157	WPA2-PSK	85	
○	5G	wickywacky_5G	149	WPA2-PSK	67	
○	5G	rt-ac66u_5G	157	WPA2-PSK	57	

4. All wireless access points nearby will be displayed on the list. Select it and click 'Next' button to continue. If the access point you wish to connect does not appear here, please click 'Refresh' until it appears on the list, or try to move wireless repeater closer to the access point you wish to connect.

Security

Please input wireless security key of your connected Access Point.

KEY : ●●●●●●●●●●●●●

Next

5. You'll be prompted to input access point's wireless security key, input it in 'KEY' field and click 'Next' to continue.

Back   Next

Please waiting...

6. System will start to verify wireless key.

If key is wrong, please go back to check your key again.

If key is correct, you can click 'Next' to continue.

Congratulations

Password is correct.

OK

7. When key is correct, this Range Extender will display the information for you, you can press "OK" button to continue.

Save settings successfully!

Please press APPLY button to restart the system to make the changes take effect.

2.4G Setting
Connected Access Point SSID : **Xiaomi_F343**

Device SSID : Xiaomi_F343_2.4Gre

Security : **WPA pre-shared key**

5G Setting
Device SSID : Xiaomi_F343_5G_5Gre

Security : **WPA pre-shared key**

Bridge to 2.4G and 5G Wireless connection:Enabled

Add the URL to your bookmark(my favorite list): **http://repeater.setup** Save ∨

(we recommend you to save it for quick access to the Web setting page next time)

(Supports IE and Firefox only. Please add the access key to the bookmark manually if you use other browsers)

Back   APPLY

8. After settings successfully, wireless repeater will display the connection information for you. Please press "APPLY" to end the setting or press "Back" to return the setup page.

| | 9. Please wait for few seconds for wireless repeater to reboot. After reboot complete, use your computer to connect to wireless access point by the SSID you set in last step and start using network. |

System Restarting! Please wait for a while !

`21%`

Congratulations!

The Quick Setup is completely done, now you can start to enjoy wireless repeater.

Note:

If you hope to run Quick Setup again or had problem to login web UI, pls. hold on '**WPS**' button for 10 seconds until '**POWER**' LED blinking, device will start to reset to factory default.

LED Behavior

LED	Color	LED Status	Description
Default	Green and Amber	Slow Blinking	Power is turned on. Green 及 Amber alternative blinking
Signal	Green	Steady ON	Good signal reception (signal strength 100%~50%).
	Amber	Steady ON	Normal and Poor signal reception (50%~25%)
		Off	Out of signal or disconnected
Status	Green	Blinking	Ready for "Reset to factory default", Green LED is blinking.
WPS	Amber	Blinking	WPS is in progress of waiting another WPS device's connection, blinking for 2 minutes.

Federal Communication Commission Interference Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

    1. Reorient or relocate the receiving antenna.
    2. Increase the separation between the equipment and receiver.
    3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
    4. Consult the dealer or an experienced radio technician for help.

FCC Caution
This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Federal Communications Commission (FCC) Radiation Exposure Statement
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

The equipment version marketed in US is restricted to usage of the channels 1-11 only.

This equipment is restricted to *indoor* use when operated in the 5.15 to 5.25 GHz frequency range.

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RED Compliance Statement

This equipment compliance with Directive 2014/53/EU.
This equipment use distance more than 20cm from human body.
This equipment can't be used on computers, notebook or power bank.

Safety
This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use
The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

EU Countries Not Intended for Use
None

$$\mathsf{CE}$$

Specification

◆ SoC + RF: Realtek RTL8197FS + RTL8812BRH

◆ Flash: 8MB

◆ SDRAM: 64MB

◆ USB Connector x 1 (For 5V DC Power In)

◆ Power Require: 5VDC, 1A

◆ Dimension: 35(W) x 115(H) x 9.5(D) mm excluding power plug

◆ Temperature: 32~104℉ (0 ~ 40℃)

　➢ Operating: 32~104℉ (0~40℃)

　➢ Storage: -4~140℉ (-20~60℃)

◆ Humidity: 10-90% (NonCondensing)

　➢ Operating: 10~90% (NonCondensing)

　➢ Storage: Max. 95% (NonCondensing)

Certification: FCC, CE