

RE11 / RE11S



Edimax Technology Co., Ltd.

No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Email: support@edimax.com.tw

Edimax Technology Europe B.V.

Fijenhof 2, 5652 AE Eindhoven, The Netherlands Email: support@edimax.nl

Edimax Computer Company

530 Technology Drive Suite 100, Irvine, CA 92618, USA Email: support@edimax.us

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I. Product Information

I-1. Package Contents





- RE11 Package Includes: RE11S WiFi Extender x 2
- RE11S Package Includes: RE11S WiFi Extender x 1
- CD with multi-language QIG & user manual
- Quick installation guide (QIG)
- Access key card
- Antenna x2 (RE11S), Antenna x4 (RE11)
- RJ45 cable

I-2. System Requirements

- Wi-Fi Extender/Wi-Fi Bridge mode: Existing 2.4GHz and/or 5GHz wireless network
- Access Point mode: Cable/DSL modem router
- Computer with 802.11/b/g/n/a/ac Wi-Fi adapter, and web browser for software configuration (Internet Explorer, Google Chrome, Firefox, Opera or Safari latest version)
- Smartphone setup: iOS 6 or Android 4.x and above

I-3. LED Status



All LEDs are disabled in sleep mode. The best signal strength is 60 – 80% since above 80% is likely too close to your router for the WiFi Extender to be effective.

LED	Color	Status	Description
		On	Excellent location. Signal strength: 60 – 80%
Signal 5GHz	Blue	Slow Flashing	Good location. Signal strength: 40 – 60% & 80 - 100%
		Quick Flashing	Poor location. Signal strength: Below 40%
		Off	No signal detected.
		On	Excellent location. Signal strength: 60 – 80%
Signal 2.4GHz	Blue	Slow Flashing	Good location. Signal strength: 40 – 60% & 80 - 100%
		Quick Flashing	Poor location. Signal strength: Below 40%
		Off	No signal detected.
Pooming		On	WiFi Extender is a master device.
Status	Green	Flashing	Syncing data.
Status		Off	WiFi Extender is a slave device.
Power	Green	On	WiFi Extender is on.

		Flashing	Resetting to factory default settings, or system is booting up.
		Off	WiFi Extender is off.
		On	WPS connection established (LED will remain on for 30 seconds to indicate a successful connection).
WPS	Green	Flashing	WPS in progress (waiting for another WPS device).
		Off	No WPS in progress.
	Groop	On	LAN port connected.
LAN	Green	Off	LAN port not connected.

I-4. Switch

The RE11S includes a hardware switch on the underside of the device which can switch between normal, green mode and sleep mode as shown in the table below. "Wi-Fi power" refers to the strength of the WiFi Extender's wireless radio signal (TX).



If you are using the WiFi Extender in a small or medium sized space, you may not need the full power of the wireless radio. Try it, and determine if you still have sufficient Wi-Fi coverage using green mode. If so, you can save some energy.

Mode	Switch Position	Description
Normal	Тор	100% Wi-Fi power
Green Mode	Middle	25% Wi-Fi power
Sleep Mode	Bottom	Wi-Fi & LEDs off & Disable Ethernet Port



Tx power can also be adjusted using the web-based U.I. (Administration \rightarrow Wireless). Set the switch to "Normal" before adjusting the Tx value in the web-based U.I.

I-5. Add Another RE11S To Your Network

If you already have a master WiFi Extender set up, then adding another RE11S WiFi Extender to your network is easy with the WPS button. New WiFi Extenders automatically follow the Wi-Fi settings of the master RE11S linked to your router.



If you don't already have a master WiFi Extender set up, follow the next chapter II. Master Installation and first install a master instead.

- **1.** Press the WPS button on your master WiFi Extender for **3 seconds**.
- 2. Within two minutes, press and hold the WPS button for 3 seconds on the new WiFi Extender you would like to add. The WiFi Extender's green WPS LED should flash to indicate that WPS is in progress.
- **3.** Please wait while the devices will establish a connection. **This can take up to 2 minutes.**



4. Both WiFi Extenders' **green** WPS LED should display on for 30 seconds to indicate a successful connection. (If not, please restart each device and try again).

I-6. Reset to Factory Default Settings

If you experience problems with your WiFi Extender or if you want to change the WiFi Extender to a different operating mode, you can reset the device back to its factory settings. This resets **all** settings back to default.

- Press and hold the WPS button for at least 10 seconds and release when the green power LED is flashing.
- Wait for the WiFi Extender to restart. The WiFi Extender is ready for setup when the green power LED displays on.



I-7. Safety Information

In order to ensure the safe operation of the device and its users, please read and act in accordance with the following safety instructions.

- 1. The device is designed for indoor use only; do not place it outdoors.
- 2. Do not place the device in or near hot/humid places, such as a kitchen or bathroom.
- 3. Do not pull any connected cable with force; carefully disconnect it from the RE11S.
- 4. Handle the device with care. Accidental damage will void the warranty of the device.
- 5. The device contains small parts which are a danger to small children under 3 years old. Please keep the device out of reach of children.
- 6. Do not place the device on paper, cloth, or other flammable materials. The device may become hot during use.
- 7. There are no user-serviceable parts inside the device. If you experience problems with the device, please contact your dealer of purchase and ask for help.
- 8. The device is an electrical device and as such, if it becomes wet for any reason, do not attempt to touch it without switching the power supply off. Contact an experienced electrical technician for further help.

II. Master Installation

RE11S WiFi Extenders supports roaming. This means with two or more roaming devices set up, your Wi-Fi devices (smartphones, tablets etc.) will automatically connect to the best available Wi-Fi signal as you move around.



You only need to setup one WiFi Extender to join your existing Wi-Fi network. This acts a master WiFi Extender.

Then, additional WiFi Extenders can be added simply using the WPS button. These WiFi Extenders act as slaves and automatically follow the Wi-Fi settings of the master.





Each RE11S can function in one of three modes. To use roaming, setup your **master** WiFi Extender in **WiFi Extender** or **Wi-Fi Access Point** mode.



Please ensure your router's DHCP server is enabled. For most routers this is enabled by default. If your DHCP server is disabled, you will need to assign an IP address to your WiFi Extenders. Refer to the user manual for more help.

Additional (slave) WiFi Extenders will automatically be set to WiFi Extender mode via the WPS button. (See I-5. Add Another RE11S To Your Network)

Wi-Fi Extender	The device connects wirelessly to your existing network and repeats the wireless signal. Location: The best location for your WiFi Extender is roughly in the middle between your existing wireless router/Access Point and the dead zone. The WiFi Extender needs to receive a good Wi-Fi signal from your router/Access Point.
Wi-Fi Access Point	The device connects to an existing router via Ethernet cable and provides wireless Internet access for your network devices. Location: Connected to your router via Ethernet cable.
Wi-Fi Bridge (Wi-Fi Adapter)	The device connects to an Ethernet device such as a games console or smart TV via Ethernet cable and provides wireless Internet access for that device. Location: Within Wi-Fi coverage, close to your wired network device.

II-1. Access Point Mode: Zero Setup

Just plug in and connect the RE11S to your router with an Ethernet cable as shown below. The RE11S will automatically link to your router and use the **Wi-Fi name and password on your access card**.



You can also use iQ Setup to set up Access Point Mode instead, as shown in II-2. iQ Setup. With iQ Setup you can set your own Wi-Fi name, password and IP address.



- **1.** Connect the network port of your RE11S to the LAN port of your existing router using an Ethernet cable.
- **2.** Plug the RE11S into a power socket.



3. The green power LED will flash while the WiFi Extender is starting up. The device is ready when the green power LED displays on.

4. Please refer to the default Wi-Fi SSID and password printed on the Access Key Card to connect Wi-Fi.







5. See I-5. Add Another RE11S To Your Network to add a second WiFi Extender.

II-2. iQ Setup

1. Plug the RE11S into a power socket.



2. The green power LED will flash while the WiFi Extender is starting up. The device is ready when the green power LED displays on.



3. Use a Wi-Fi device to connect to the SSID "EdimaxEXT.Setup **". The default Wi-Fi SSID and password is printed on the Access Key Card.

Access Key	
Web Browser Access:	Wi-Fi Client Access:
http://edimaxext.setup	Initial Device Name (SSID): edimaxEXT.setupxx
User Name: admin	Initial Device SSID Password: WWWWXXxx
Password: 1234	





4. Open a web browser and enter the URL *http://edimaxext.setup* or scan the QR-Code below and click **Get Started**.



If you cannot access http://edimaxext.setup, please make sure your computer is set to use a dynamic IP address. For more information please refer to the user manual.

5. Select **Yes, I need a WiFi Extender** to continue setup as a Wi-Fi Extender or **Change to a Different Mode** to set up a different mode.

EDIMAX	Wi-Fi Extender
The default mode of this product is Wi-Fi extender mode. the wireless signal range.	It connects to your existing network and extends
	g Router xDSL/Cable Modem
CHANGE TO A DIFFERENT MODE	YES, I NEED A WI-FI EXTENDER

- **6.** Follow the on-screen instructions for your selected mode to complete setup. You can configure the product for 2.4 GHz or 5GHz Wi-Fi.
- 7. See I-5. Add Another RE11S To Your Network to add a second WiFi Extender.

To switch devices between "master" and "slaves", unplug any Ethernet cables and reset the devices back to factory defaults and then setup again.

WiFi Extenders in AP mode will use different SSIDs than each other.

For more advanced configurations, use the browser based configuration interface at http://edimaxext.setup



II-2-1. WiFi Extender Mode

1. Please ensure your RE11S is within Wi-Fi range of your existing wireless router. Click "Next" to continue.



2. Select whether to use the 2.4GHz wireless frequency or 5GHz wireless frequency and then click "Next".

Dimax		Wi-Fi Extendo
Please sele	t the wireless frequency that same as your exi	sting wirelesss network.
	 Enable 2.4GHz Enable 5GHz 	

3. Select the Wi-Fi network name (SSID) which you wish to connect to and click "Next" to continue.



If the Wi-Fi network you wish to connect to does not appear, try clicking "Refresh".

EDIMAX		Wi-Fi Extender
	2.4GHz Wireless Site Survey	
The Wi-Fi extender is sur the router you wish to co "Setup extender manual Setup extender manual	veying all available routers nearby. Please selec nnect is not listed, try clicking "Refresh". To cor y". der manually	t the router you wish to connect to. If nnect to a hidden SSID please select
Select	SSID	Signal
	edimax	100%
•	max866799	20%
	Back Refresh Net	ct

To connect to a hidden SSID, check the "Setup WiFi Extender 📥 manually" box and enter the details manually on the next page, as shown below.

Diana ant a navy Wi Fi naty and a ready (CCID) f	
your existing wireless network if required.	or the range extender if you wish, and set the security key for
Wi-Fi network name (SSID):	
Range extender SSID:	
Hide SSID	Enable
Encryption	WPA2 V
Security Type	○ TKIP ● AES
Key Format	Passphrase 🔻
Wi-Fi password (Security Key):	

4. Enter the SSID (network name) you want to use for your WiFi Extender and your existing wireless network's security key/password and then click "Next" to continue.

> Your Wi-Fi roaming network will use the same password as your existing Wi-Fi by default.

If you have an Edimax router which supports Wi-Fi roaming, after setup your WiFi Extender's SSID will automatically switch to the same as your existing Wi-Fi for seamless roaming. For other routers, your WiFi Extender will use the SSID you enter below.

		Wi-Fi Exten
:	2.4GHz Wireless Site Surve	Y
/ou select to extend Wi-Fi network (SSID)	: edimax	
Please assign different SSID to the new W	/i-Fi roaming network to dif	ferentiate from your existing non-
roaming Wi-Fi network. We suggest you a	always try to use the Wi-Fir	oaming network.
the original tit the device and the extent	ded wiri froanning network	use the same security key, hease set
security key for your existing wireless net	work if required.	use the same security key hields set
security key for your existing wireless net 2.4GHz Wi-Fi extender SSID	work if required.	Hide SSID
security key for your existing wireless net 2.4GHz Wi-Fi extender SSID 5GHz Wi-Fi extender SSID	 edimaxroaming edimaxroaming 	Hide SSID
security key for your existing wireless net 2.4GHz Wi-Fi extender SSID 5GHz Wi-Fi extender SSID Security Key	 edimaxroaming edimaxroaming5 y abcd1234 	Hide SSID Hide SSID
security key for your existing wireless net 2.4GHz Wi-Fi extender SSID 5GHz Wi-Fi extender SSID Security Key	 edimaxroaming edimaxroaming5 gabcd1234 	Hide SSID Hide SSID



The Hide SSID boxes can be checked to make the SSID invisible in devices' Wi-Fi settings. You can connect to hidden SSIDs with your Wi-Fi devices by manually entering the SSID name.

5. Wait a moment while the RE11S **tests** the wireless connection.



6. Select "Obtain an IP address automatically" or "Use the following IP address" for your RE11S. If you are using a static IP, enter the IP address, subnet mask and default gateway. Click "Next" to proceed to the next step.

"Obtain an IP address automatically" is the recommended setting for most users. The IP address will be displayed in brackets.

С	onnection test complete. Ple	ease click "Next" when you are ready to	continue.
	Obtain an IP add (IP : 192.168.0.1)	ress automatically 07)	
	Use the following	g IP address	
	IP address :	192 . 168 . 9 . 2	
	Subnet Mask :	255 . 255 . 255 . 0	
	Default gateway :	0.0.0.0	
	DNS :	0.0.0.0	

7.A summary of your configuration will be displayed, as shown below. Check that all of the details are correct and then click "Next" to proceed.

EDim	AX		Wi-Fi Extend
Configuration this configurat	is complete. It is tion" to do so. Th	s recommended that you hen click "Next" when yo	I backup your settings, please click "Backup u are ready to continue.
	(2.4 GHz)	Wi-Fi network name : Wi-Fi password :	edimaxroaming
	(5 GHz)	Wi-Fi network name : Wi-Fi password :	edimaxroaming5
		Backup this confi	guration
		Back	lext
			_

If you wish to backup the RE11S's settings, click "Backup this configuration" to save your current configuration to a .txt file.

8. Please wait a moment until the RE11S is ready.



9. A final congratulations screen will indicate that setup is complete. You can now connect to the device's new SSID(s) which are shown on the screen then close the browser window.

EDIMAX		Wi-Fi Extender
	Congratulation!	
You have successfully compl listed below. For advanced se browser.	eted setup. Please connect to the d ettings, please access http://edimax	evice's new Wi-Fi network name (SSID) ext.setup from your computer's web
(2.4 GHz)	Wi-Fi network name : Wi-Fi password :	edimaxroaming
(5 GHz)	Wi-Fi network name : Wi-Fi password :	edimaxroaming5

10. The RE11S is working and ready for use. Refer to <u>IV-2. Connecting to a</u> <u>Wi-Fi network</u> if you require more guidance.

II-2-2. Access Point Mode

1. Select "Access Point" from the top menu and click "Next".



2. Connect the network port of your RE11S to the LAN port of your existing router using an Ethernet cable, then click "Next".

EDIMAX	Access Po	int
: : : : : : : : : : : : : : : : : : : :	Existing Router xDSL/Cable Modem	
Please connect one end to the Ethernet port on	an Ethernet cable to your existing router and connect the other end 2 bottom of access point.	
	Back Next	

3. Select whether to use the 5GHz wireless frequency, 2.4GHz wireless frequency or both. If you are not sure, select both.

EDIMAX		Access Point
Please select the w please select both.	vireless frequency that you want to use. If you are no	t sure which one to use,
	Enable 2.4GHz	
	✓ Enable 5GHz	
	Back Next	

4. Select "Obtain an IP address automatically" or "Use the following IP address" for your RE11S. If you are using a static IP, enter the IP address, subnet mask and default gateway. Click "Next" to proceed to the next step.

Please set th	e IP addı	ress	of the	ac	cess po	int	. 7
 Obtain an IP addr 	ress auto	oma	tically				
○ Use the following	g IP addro	ess					
IP address :	192		168		2		1
Subnet Mask :	255		255		255		0
Default gateway :	0		0		0		0
DNS :	0		0		0		0
				_			

Content of the setting Content of the setting for most users. For more guidance on static IP addresses, please refer to <u>IV-1. Configuring your IP address</u>. **5.** Enter a name and password for your 2.4GHz & 5GHz wireless networks, then click "Next" to continue.

Please set your Wi-Finetw	ork name (SSID) and Wi-Fi password.	
Wi-Fi network name (2.4GHz):	edimax_2.4G_0793AC	
Wi-Fi password (WPA2-AES):	abcd1234	
	(at least 8 characters)	
Wi-Fi network name (5GHz):	edimax_5G_0793AD	
Wi-Fi password (WPA2-AES):	abcd1234	

6. A summary of your configuration will be displayed, as shown below. Check that all of the details are correct and then click "Next" to proceed.

Dim	XX		Access Poin
onfiguration is nfiguration" to	complete. It is recommended that you ba o do so. Then click "Next" when you are re	ckup your settings, please click " ady to continue.	Backup this
	(2.4 GHz) Wi-Fi network name : Wi-Fi password :	edimax_2.4G_0793AC abcd1234	
	(5 GHz) Wi-Fi network name : Wi-Fi password :	edimax_5G_0793AD abcd1234	
	Backup this confi	guration	
	Back	Next	

If you wish to backup the device's settings, click "Backup this configuration" to save your current configuration to a .txt file.

7. Please wait a moment until the RE11S is ready.



8. A final congratulations screen will indicate that setup is complete. You can now connect to the device's new SSID(s) which are shown on the screen then close the browser window.

EDİMAX	Access Point
Congratulat	ion!
ou have successfully completed setup. Please connect to the elow. For advanced settings, please access http://edimaxext.	device's new Wi-Fi network name (SSID) listed setup from your computer's web browser.
(2.4 GHz) Wi-Fi network name :	edimax_2.4G_0793AC
Wi-Fi password :	abcd1234
(5 GHz) Wi-Fi network name :	edimax_5G_0793AD
Wi-Fi password :	abcd1234

9. The RE11S is working and ready for use. Refer to <u>IV-2. Connecting to a</u> <u>Wi-Fi network</u> if you require more guidance.

II-2-3. Wi-Fi Bridge Mode

1. Select "WiFi Bridge" from the top menu and click "Next".



2. Please ensure your RE11S is within Wi-Fi range of your existing router. Click "Next" to continue.

EDIMAX			Wi-Fi Bridge
Control of the second s	Existing Router	xDSL/Cable Modem	
This setup wizard will assist you your existing router. Please en wireless network.	u to setup a wireless conn sure the Wi-Fi bridge is wit	ection between the Wi-Fi brid thin the coverage range of you	ge and Ir existing
	Back Next		

3. Select the frequency (2.4GHz or 5GHz) of your existing wireless network.



In WiFi Bridge mode, the RE11S can only connect to one wireless hetwork/frequency i.e. 2.4GHz or 5GHz.

EDİMAX		Wi-Fi Bridge
Please se	elect the wireless frequency that same as your existing wirele	ss network.
	 1. Enable 2.4GHz 2. Enable 5GHz 	
	Back Next	

4. Select the Wi-Fi network name (SSID) which you wish to connect to and click "Next" to continue.

If the Wi-Fi network you wish to connect to does not appear, try licking "Refresh".

EDIMAX		Wi-Fi Bridge
	2.4GHz Wireless Site Survey	
The Wi-Fi extender is surve the router you wish to com "Setup extender manually" Setup extender	eying all available routers nearby. Please select th nect is not listed, try clicking "Refresh". To conne '. er manually	e router you wish to connect to. If ct to a hidden SSID please select
Select	SSID	Signal
•	edimax	100%
0	max866799	20%
	Back Refresh Next	

To connect to a hidden SSID, check the "Setup WiFi Extender manually" box and enter the details manually on the next page, as shown below.

2.49	tz Wireless Site S	urvev		
		,		
Please enter your existing Wi-Fi netw	ork name <mark>(</mark> SSID) a	nd security ke	y if required.	
Wi-Fi network name (SSID):				
Encryption	WPA2 V			
Security Type	○ TKIP ● AES			
Key Format	Passphrase	•		
Wi-Fi password (Security Key):				

5. Enter your existing wireless network's security key/password in the "Security Key" field and click "Next" to continue.

EDIMAX	Wi-Fi Bridge
2.4GHz Wireless Site Survey	
Please enter your existing Wi-Fi network security key if required.	
Device SSID edimax	
Security Key	
Back Next	
Back	

6. Wait a moment while the RE11S tests the wireless connection.



7. Select "Obtain an IP address automatically" or "Use the following IP address" for your RE11S. If you are using a static IP, enter the IP address, subnet mask and default gateway. Click "Next" to proceed to the next step.

"Obtain an IP address automatically" is the recommended setting for most users. The IP address will be displayed in brackets.

Obtain an IP add (IP : 192.168.0.1)	ress aut 07)	omat	ically			
Use the following	g IP addı	ess				
IP address :	192	. 1	.68	. 2	1	
Subnet Mask :	255	. 2	255	. 255	0	
Default gateway :	0	. 0)	. 0	0	
DNS :	0	. 0)	. 0	0	

8. A summary of your configuration will be displayed, as shown below. Check that all of the details are correct and then click "Next" to proceed.

EDIMA	x	Wi-Fi Bridge
Configuration is on this configuration	complete. It is recommended that you " to do so. Then click "Next" when you	backup your settings, please click "Backup a are ready to continue.
	(2.4 GHz) Wi-Fi network name : Wi-Fi password :	edimax
	Backup this config	guration
	Back	ext

If you wish to backup the RE11S's settings, click "Backup this configuration" to save your current configuration to a .txt file.

9. Please wait a moment until the RE11S is ready.

EDIMAX		Wi-Fi Bridge
	Applying your settings, please wait. 5%	

10. A final congratulations screen will indicate that setup is complete. Please close the browser window.

EDIMAX		Wi-Fi Bridge
	Congratula	tion!
You have successfully co the bottom of Wi-Fi bridg computer's web browser.	mpleted setup. Please conne e. For advanced settings, plea	ect your wired devices to the Ethernet ports or ase access http://edimaxext.setup from your
(2.4	GHz) Wi-Fi network name :	edimax
	Wi-Fi password :	TO BOAR AND

11. The RE11S is working and ready for use. You can now connect the RE11S to your network device using an Ethernet cable and connect to your network as usual.

III. Browser Based Configuration Interface

After you have setup the RE11S as detailed in <u>II. Installation</u> or the included **Quick Installation Guide**, you can use the browser based configuration interface to configure advanced settings.



- III-1. Login
- To access the browser based configuration interface enter http://edimaxext.setup into the URL bar of a browser on a network device connected to the same Wi-Fi network as the RE11S.



2. You will be prompted for a username and password. The default username is "admin" and the default password is "1234".

Windows Security
The server edimaxext.setup at Default Name:admin Password:1234 requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
admin Remember my credentials
OK Cancel

3. You will arrive at the "Status and Information" screen. Use the menu down the left side to navigate.

Status Setup Wizard LAN Z.4GHz Wireless SGHz Wireless Administration Administration Administration Administration Access Point Status Check the latest version MAC Address Signal Strengths Status Status Status Connect Status Status Status Status Channel Number 11 Channel Number 11 Security WPA2(AES) Security WPA2(AES)	 Status Setup Wizard 				
Setup Wizard LAN 2.4GHz Wireless 5GHz Wireless Administration Administration Access Point Status Wi-Fi Extender Status (2.4G) @ 2.4GHz @ 5GHz Status Check the latest version Wi-Fi Extender Status (2.4G) @ 2.4GHz @ 5GHz Status Connect Status Channel Number Status Channel Number Security WPA2(AES)	Setup Wizard				Help
LAN System LAN > 2.4GHz Wireless IP Address 192.168.2.109 > 5GHz Wireless Current Time 2017/3/22 22:03:34 Subnet Mask 255.255.0 > Administration Default Gateway 192.168.2.9 MAC Address 00:11:22:33:44:50 Access Point Status Wi-Fi Extender Status Connect Status Enable Signal Strengths 84% SSID edimax Extended SSID edimax Channel Number 11 Channel Number 11		System Status			
 ▶ 2.4GHz Wireless ▶ 5GHz Wireless ▶ Administration Current Time 2017/3/22 22:03:34 Subnet Mask 255.255.0 Firmware Version 1.06 Default Gateway 192.168.2.9 Check the latest version MAC Address 00:11:22:33:44:50 Access Point Status Wi-Fi Extender Status (2.4G) © 2.4GHz © 5GHz Status Connect Status Enable Signal Strengths B4%s SSID edimax Extended SSID edimax Channel Number 11 Channel Number 11 Security WPA2(AES) Security WPA2(AES) 	► LAN	Syst	tem		AN
2.14GH2 Wireless Current Time 2017/3/22 22:03:34 Subnet Mask 255.255.0 > 5GHz Wireless Firmware Version 1.06 Default Gateway 192.168.2.9 Administration MAC Address 00:11:22:33:44:50 Access Point Status Wi-Fi Extender Status (2.4G) @ 2.4GHz 5GHz Status Enable Signal Strengths Status Enable Signal Strengths Status Channel Number 11 Channel Number 11 Security WPA2(AES) Security WPA2(AES)	► 2 4GHz Wireless	Model	RE11S	IP Address	192.168.2.109
SGHz Wireless Administration Administration Administration Access Point Status Access Point Status Access Point Status Access Point Status Check the latest version MAC Address OO:11:22:33:44:50 OO:11:22:33:44:50	2.4012 Wireless	Current Time	2017/3/22 22:03:34	Subnet Mask	255.255.255.0
Administration Administration MAC Address 00:11:22:33:44:50 Access Point Status Wi-Fi Extender Status (2.4G) © 2.4GHz © 5GHz Status Connect Status Enable Signal Strengths 84% SSID edimax Extended SSID edimax Channel Number 11 Channel Number 11 Security WPA2(AES) Security WPA2(AES)	5GHz Wireless	Firm ware Version	1.06	Default Gateway	192.168.2.9
Access Point Status Wi-Fi Extender Status (2.4G) 2.4GHz 5GHz Status Connect Signal Strengths 84% SSID edimax Extended SSID edimax Channel Number 11 Channel Number Security WPA2(AES) Security WPA2(AES) WPA2(AES) Security	P Administration				
Access Point Status Wi-Fi Extender Status (2.4G) 2.4GHz 5GHz Status Connect Status Enable Signal Strengths 84% SSID edimax Extended SSID edimax Channel Number 11 Security WPA2(AES)					
Image: Status SGHz Status Connect Status Enable Signal Strengths 84% SSID edimax Extended SSID edimax Channel Number 11 Channel Number 11 Security WPA2(AES) Security WPA2(AES)		Access Po	int Status	Wi-Fi Extende	r Status (2.4G)
Status Enable Signal Strengths 84% SSID edimax Extended SSID edimax Channel Number 11 Channel Number 11 Security WPA2(AES) Security WPA2(AES)		2.4GHz	SGHz	Status	Connect
SSID edimax Extended SSID edimax Channel Number 11 Channel Number 11 Security WPA2(AFS) Security WPA2(AES)		Status	Enable	Signal Strengths	84%
Channel Number 11 Channel Number 11 Security WPA2(AES) Security WPA2(AES)		SS ID	edimax	Extended SSID	edimax
Security WPA2(AFS) Security WPA2(AES)		Channel Number	11	Channel Number	11
		Security	WPA2(AES)	Security	WPA2(AES)
MAC Address 00:11:22:33:44:50		MAC Address	00:11:22:33:44:50		

III-2. Save Settings

1.After you configure any settings, click the "Save Settings" button at the bottom of the screen to save your changes.



The device needs to restart in order to bring any changes into effect.

2. Then, click "Click here to restart" in order to restart the device and bring the changes into effect.



3. To make several changes at once, use the "Save Settings" button after each change and then click "click here to restart" after your final change. Only one restart is necessary as long as each change is saved with the "Save Settings" button.


III-3. Main Menu

The main menu displays different options depending on your device's operating mode. Please refer to the following chapters for guidance on each mode.

Wi-Fi WiFi



Access Point



Wi-Fi Bridge

Status
Setup Wizard
Administration

III-3-1. Status



The "Status" page displays basic system information about the device, arranged into categories.

Screenshots displayed are examples. The information shown on your screen will vary depending on your configuration.

NETWORKING PEOPLE TOGETHER	Ni-Fi Extender			English
► Status				Help
 Setup Wizard 	System Status			
► LAN	Syste	em	L	AN
	Model	RE11S	IP Address	192.168.2.109
2.4GHz Wireless	Current Time	2017/3/22 22:03:34	Subnet Mask	255.255.255.0
5GHz Wireless	Firm ware Version	1.06	Default Gate way	192.168.2.9
	Check the late	est version	MAC Address	00:11:22:33:44:50
 Administration 				
 Administration 	Access Poin	nt Status	Wi-Fi Extender	r Status (2.4G)
Administration	Access Poin © 2.4GHz	nt Status	Wi-Fi Extender Status	r Status (2.4G) Connect
Administration	Access Poin © 2.4GHz Status	nt Status SGHz Enable	Wi-Fi Extende r Status Signal Strengths	r Status (2.46) Connect 84%
Administration	Access Poin © 2.4GHz Status SSID	nt Status O 5GHz Enable edimax	Wi-Fi Extende r Status Signal Strengths Extended SSID	r Status (2.4G) Connect 84% edimax
 Administration 	Access Poin © 2.4GHz Status SSID Channel Number	nt Status SGHz Enable edimax 11	Wi-Fi Extender Status Signal Strengths Extended SS ID Channel Number	Status (2.4G) Connect 84% edimax 11
 Administration 	Access Poin © 2.4GHz Status SSID Channel Number Security	nt Status SGHz Enable edimax 11 WPA2(AES)	Wi-Fi Extender Status Signal Strengths Extended SSID Channel Number Security	r Status (2.4G) Connect 84% edimax 11 WPA2(AES)

You can click the orange **Check the latest version** button to open a new screen and automatically upgrade firmware to the latest version. Click **Firmware auto-upgrade** to begin the process.



It is recommended to backup the existing firmware version using the "Save as File" button before upgrading.

III-3-2. Setup Wizard



You can run the setup wizard again to reconfigure the basic settings of the device, or you can run a wizard to

help you switch the device to a different operating mode. Select "Setup Wizard" or "Switch to Access Point/ WiFi Extender/WiFi Bridge mode" and then click "Run Wizard" to begin.

a	
Switch to Access Point/Wi-Fi Extender/Wi-Fi Bridge mode	
This setup wizard will guide you to switch the device to another mode.	
Run Wizard	
	G Switch to Access Point/Wi-Fi Extender/Wi-Fi Bridge mode This setup wizard will guide you to switch the device to another mode. Run Wizard

Switch to Access Point/	This wizard will help you to switch the device
WiFi Extender/ Wi-Fi	to a different operating mode: Access Point
Bridge mode	mode, Wi-Fi Extender mode, Wi-Fi Bridge
	mode (see below).

Switch to Access Point/ Wi-Fi Extender/ Wi-Fi Bridge mode:

- **1.** Follow the on-screen instructions to back up your current settings and then reset the device back to its factory default settings.
- **2.** After the device has reset you will see the screen below. Close your browser and open it again.



3. Follow the on-screen wizard to setup your device in a different mode. Refer to **II. Installation Step 3** onwards for help if needed. If you don't see the "Get Started" screen, try reconnecting to the edimaxEXT.setup **** SSID and go to** http://edimaxext.setup in a web browser.

III-3-3. LAN



You can configure your Local Area Network (LAN) on this page. Set the device to automatically obtain an IP address from your router or assign an IP address

manually.



You can access the browser based configuration interface using the device's IP address instead of using the URL http://edimaxext.setup.

- I AN IP	
LANT	
 Obtain 	n an IP address automatically
 Use the 	e following IP address
IP Address	192.168.2.1
Subnet Mask	255.255.255.0
Default Gateway Address	
DNS Address	
DHCP Server	
DHCPServer	Enable 🔻
Lease Time	Forever T
Start IP	192.168.2.42
End IP	192.168.2.62
Default Cataway Address	192 168 2 109

IP Address	Specify the IP address here. This IP address will be assigned to the RE11S and will replace the default IP address.
Subnet Mask	Specify a subnet mask. The default value is 255.255.255.0

Default Gateway Address	Enter a default gateway address.
DNS Address	Enter a DNS address.

DHCP Server	Enable or disable the DHCP server.
Lease Time	Select a lease time for the DHCP leases here.
	The DHCP client will obtain a new IP address
	after the period expires.
Start IP	Enter the start IP address for the DHCP
	server's IP address leases.
End IP	Enter the end IP address for the DHCP
	server's IP address leases.
Default Gateway	IP address of the default gateway on the
Address	network.

III-3-4. 2.4GHz Wireless & 5GHz Wireless



The "2.4GHz Wireless" & "5GHz Wireless" menu allows you to configure SSID and security settings for your Wi-Fi network along with a guest Wi-Fi network. WPS, and Access control (in Access Point mode) functions can also be managed from here.

In Access Point mode, the "Guest" feature in the menu is replaced by "Access Control".

III-3-4-1. Basic

The "Basic" screen displays settings for your primary 2.4GHz or 5GHz Wi-Fi network.

Basic Settings	
Band	2.4 GHz (b+g+n)
Wireless Network Name (SSID)	edimax
	Hide SS ID
Channel Number	11 •
Wire less Clients	Show List
Root AP SSID	edimax

Band	Displays the wireless standard used for the RE11S's "2.4GHz (B+G+N)" means that 802.11b, 802.11g, and 802.11n wireless
	clients can connect to the RE11S.
Wireless Network	This is the name of your Wi-Fi network for
Name (SSID)	identification, also sometimes referred to as "SSID". The SSID can consist of any combination of up to 32 alphanumerical characters.
Hide SSID	Enable or disable hide SSID. When disabled, the SSID will be visible to clients as an available Wi-Fi network. When enabled, the SSID will not be visible as an available Wi-Fi network to clients – clients must manually

	enter the SSID in order to connect. A hidden
	(disabled) SSID is typically more secure than a
	visible (enabled) SSID.
Channel Number	Select a wireless radio channel or use the
	default "Auto" setting from the drop-down
	menu.
Wireless Clients	Click "Show List" to display a new window
	showing information about wireless clients.
	Please disable any pop-up blockers if you
	have difficulty using this function.
Root AP SSID	In WiFi Extender mode, displays the SSID your
	WiFi Extender is connected to (your router or
	Access Point).

Wireless Security:

Wireless Security		
Encryption	WEP V	
Key Length	64-bit 🔻	
Key Format	Hex (10 characters) 🔻	
Encryption Key	•••••	🕑 Hide

Access Point Mode:

Wireless Security		
Encryption	WEP 🔽	
Key Length	64-bit 💌	
Key Format	Hex (10 characters) 💌	
Encryption Key	••••••	✓ Hide
Enable 802.1x Authentication		

Select an encryption type according to your mode, from the drop-down menu:



"WPA Pre-shared Key" is the recommended and most secure encryption type.

III-3-4-1-1. Disable

Encryption is disabled and no password/key is required to connect to the RE11S.



Disabling wireless encryption is not recommended. When disabled, anybody within range can connect to your device's SSID.

Enable 802.1x	Check the box to enable the 802.1x
Authentication	authentication. A RADIUS server is required to
	perform 802.1x authentication: enter the
	RADIUS server's information in the relevant
	fields (below).

Enable 802.1x Authentication

RADIUS Server IP address	
RADIUS Server Port	1812
RADIUS Server Password	

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III-3-4-1-2. WEP

WEP (Wired Equivalent Privacy) is a basic encryption type. For a higher level of security consider using WPA encryption.

Wireless Security		
Encryption	WEP	
Key Length	64-bit 💌	
Key Format	Hex (10 characters)	
Encryption Key	••••••	le
Enable 802.1x Authentication		

Key Length	Select 64-bit or 128-bit. 128-bit is more secure than 64-bit.
Key Format	Choose from "ASCII" (any alphanumerical character 0-9, a-z and A-Z) or "Hex" (any characters from 0-9, a-f and A-F).
Encryption Key	Enter your encryption key/password according to the format you selected above. A complex, hard-to-guess key is recommended. Check the "Hide" box to hide your password from being displayed on-screen.
Enable 802.1x	Check the box to enable the 802.1x
Authentication	authentication. A RADIUS server is required to perform 802.1x authentication: enter the RADIUS server's information in the relevant fields (below).

Enable 802.1x Authentication

	_	
1812		

RADIUS Server IP address

RADIUS Server Port

RADIUS Server Password

III-3-4-1-3. WPA Pre-Shared Key

WPA pre-shared key is the recommended and most secure encryption type.

Wireless Security	
Encryption	WPA Pre-shared Key -
WPA Unicast Cipher Suite	● WPA (TKIP) ◎ WPA2 (AES) ◎ WPA2 Mixed
Pre-shared Key Format	Passphrase 💌
Pre-shared Key	I Hide

WPA Unicast Cipher Suite	Select from WPA (TKIP), WPA2 (AES) or WPA2 Mixed. WPA2 (AES) is safer than WPA (TKIP), but not supported by all wireless clients. Please make sure your wireless client supports your selection. WPA2 (AES) is recommended followed by WPA2 Mixed if your client does not support WPA2 (AES).
Pre-shared Key Format	Choose from "Passphrase" (8-63 alphanumeric characters) or "Hex" (up to 64 characters from 0-9, a-f and A-F).
Pre-shared Key	Please enter a key according to the format you selected above. A complex, hard-to-guess key is recommended. Check the "Hide" box to hide your password from being displayed on-screen.

III-3-4-1-4. WPA Radius

WPA RADIUS is a combination of WPA encryption and RADIUS user authentication. If you have a RADIUS authentication server, you can authenticate the identity of every wireless client against a user database.

Wireless Security	
Encryption	WPA RADIUS
WPA Unicast Cipher Suite	● WPA (TKIP) ◎ WPA2 (AES) ◎ WPA2 Mixed
RADIUS Server IP address	
RADIUS Server Port	1812
RADIUS Server Password	

WPA Unicast Cipher Suite	Select from WPA (TKIP), WPA2 (AES) or WPA2 Mixed. WPA2 (AES) is safer than WPA (TKIP), but not supported by all wireless clients. Please make sure your wireless client supports your selection. WPA2 (AES) is recommended followed by WPA2 Mixed if your client does not support WPA2 (AES).
RADIUS Server IP address	Input the IP address of the RADIUS authentication server here.
RADIUS Server Port	Input the port number of the RADIUS authentication server here. The default value is 1812.
RADIUS Server Password	Input the password of the RADIUS authentication server here.

III-3-4-2. Guest

You can setup an additional "Guest" Wi-Fi network so guest users can enjoy Wi-Fi connectivity without accessing your primary SSID. The "Guest" screen displays settings for your guest Wi-Fi network.

The guest network is separate from your primary network. The settings for your primary network can be found in the "Basic" menu.



Enable Guest SSID	Check/uncheck the box to enable/disable the
	guest Wi-Fi network.
Wireless Guest	Enter a reference/ID name for your guest
Name	wireless network.
Hide SSID	Enable or disable hide SSID. When disabled,
	the SSID will be visible to clients as an available
	Wi-Fi network. When enabled, the SSID will not
	be visible as an available Wi-Fi network to
	clients – clients must manually enter the SSID
	in order to connect. A hidden (disabled) SSID is
	typically more secure than a visible (enabled)
	SSID.
Enable Wireless	Check the box to enable wireless clients
Clients Isolation	isolation. This prevents wireless clients
	connected to the RE11S from communicating

	with each other and improves security. Typically, this function is useful for corporate environments or public hot spots and can prevent brute force attacks on clients' usernames and passwords.
Band	Displays the wireless standard used for the RE11S's frequency band: 2.4GHz (B+G+N): Allows 802.11b, 802.11g, and 802.11n wireless clients to connect to the RE11S.
Channel Number	Channel number for the guest network is the same as the main SSID and cannot be adjusted independently.

Encryption	Please refer to III-3-4-1. Basic: Wireless
	Security for details about security settings.

III-3-4-3. WPS

Wi-Fi Protected Setup is a simple way to establish connections between WPS compatible devices. WPS can be activated on compatible devices by pushing a WPS button on the device or from within the device's firmware/configuration interface. When WPS is activated in the correct manner and at the correct time for two compatible devices, they will automatically connect. PIN code WPS includes the use of a PIN code between the two devices for verification.

Frable WDS	
WI-FI Protected Setup Information :	
WPS Status	Configured
Self Pin Code	91486257
SSID	edimax_2.4G_EDF2D1
Authentication Mode	WPA Pre-shared Key
Authentication Key	abcd1234
Device Configuration :	
Configuration Mode	Registrar
Configure via Push Button	Start PBC
Configure via Client Pin Code	Start PIN

Enable WPS	Check/uncheck this box to enable/disable WPS.
WPS Status	Displays "Configured" or "unConfigured" depending on whether WPS and SSID/security settings for the device have been configured or not, either manually or using the WPS button.
Self PIN Code	Displays the WPS PIN code of the device.
SSID	Displays the SSID of the device.
Authentication Mode	Displays the wireless security authentication mode of the device.
Authentication Key	Displays the wireless security authentication key.
Configuration Mode	The configuration mode of the device's WPS setting is displayed here. "Registrar" means the device acts as an Access Point for a wireless client to connect to and the wireless

	client(s) will follow the device's wireless
	settings.
Configure via Push	Click "Start PBC" (Push-Button Configuration)
Button	to activate WPS on the Access Point. WPS will
	be active for 2 minutes.
Configure via Client	Enter the wireless client's PIN code here and
PIN Code	click "Start PIN" to activate PIN code WPS.
	Refer to your wireless client's documentation if
	you are unsure of its PIN code.

III-3-4-4. Access Control



Access Control is a security feature that can help to prevent unauthorized users from connecting to your wireless router.

This function allows you to define a list of network devices permitted to connect to the RE11S. Devices are each identified by their unique MAC address. If a device which is not on the list of permitted MAC addresses attempts to connect to the RE11S, it will be denied.

To enable this function, check the box labeled "Enable Wireless Access Control".

MAC Address	Comment		
		Ad	d
Device Name	IP Add ress	Comment	Select
	Device Name	Device Name IP Address	Device Name IP Address Comment

Client PC	Select a PC name from the drop-down list and click ">>" to add enter it into the blank field to the right.
	Click "Refresh' in the drop-down menu to refresh the list of available MAC addresses. If the address you wish to add is not listed, enter it manually.
MAC Address	Enter a MAC address of computer or network device manually without dashes or colons e.g. for MAC address 'aa-bb-cc-dd-ee-ff' enter 'aabbccddeeff'.
Comment	Enter a comment for reference/identification consisting of up to 16 alphanumerical characters.
Add	Click "Add" to add the MAC address to the MAC address filtering table.

MAC address entries will be listed in the table. Select an entry using the "Select" checkbox.

Delete Selected/	Delete selected or all entries from the table.
Delete All	

III-3-5. Advanced



Advanced features of the RE11S can be configured from the "Advanced" menu.

III-3-5-1. 2.4GHz Wireless

These settings are for experienced users only. Please do not change any of the values on this page unless you are already familiar with these functions.

👍 Access Point mode only

2.4GHz Wireless	
Wire less Module	Enable
FragmentThreshold	2346 (256-2346)
RTS Threshold	2347 (0-2347)
Beacon Interval	100 (20-1024 ms)
DTIM Period	3 (1-10)
Data Rate	Auto 🔻
N Data Rate	Auto 🔻
Channel Width	Auto 20/40 MHZ 20 MHZ
Preamble Type	Short Preamble O Long Preamble
CTS Protect	O Auto O Always None
Tx Power	100% 🔻
	Save Setting
	Save Settings

Fragment Threshold	Set the Fragment threshold of the wireless radio. The default value is 2346.
RTS Threshold	Set the RTS threshold of the wireless radio. The default value is 2347.

Beacon Interval	Set the beacon interval of the wireless radio.
	The default value is 100.
DTIM Period	Set the DTIM period of wireless radio. The
	default value is 3.
Data Rate	Set the wireless data transfer rate. The
	default is set to Auto.
N Data Rate	Set the data rate of 802.11n. The default is
	set to Auto.
Channel Width	Select wireless channel width (bandwidth
	used by wireless signals from the device) –
	the recommended value is Auto 20/40MHz.
Preamble Type	Set the wireless radio preamble type. The
	default value is "Short Preamble".
CTS Protect	Enabling this setting will reduce the chance
	of radio signal collisions between 802.11b
	and 802.11g wireless Access Points. It's
	recommended to set this option to "Auto".
Tx Power	Set the power output of the wireless radio.
	You may not require 100% output power.
	Setting a lower power output can enhance
	security since potentially malicious/unknown
	users in distant areas will not be able to
	access your signal.



Tx power works in conjunction with the switch on the side of the device. The switch is the primary setting and the Tx bower value here will be a percentage of the slide switch setting. E.G If the slide switch is set to Green Mode (25%) and Tx power to 75%, the overall output will be 75% of 25%.

III-3-5-2. 5GHz Wireless

These settings are for experienced users only. Please do not change any of the values on this page unless you are already familiar with these functions.

5GHz Wireless	
Wire less Module	Enable
Fragment Threshold	2346 (256-2346)
RTS Threshold	2347 (0-2347)
Beacon Interval	100 (20-1024 ms)
DTIM Period	3 (1-10)
Data Rate	Auto 🔻
N Data Rate	Auto 🔻
Channel Width	● 20/40/80 MHZ ● 20/40 MHZ ● 20 MHZ
Preamble Type	Short Preamble O Long Preamble
CTS Protect	🔍 Auto 🔍 Always 💌 None
Tx Power	100% ▼
	Save Settings

Fragment Threshold	Set the Fragment threshold of the wireless
	radio. The default value is 2346.
RTS Threshold	Set the RTS threshold of the wireless radio.
	The default value is 2347.
Beacon Interval	Set the beacon interval of the wireless radio.
	The default value is 100.
DTIM Period	Set the DTIM period of wireless radio. The
	default value is 3.
Data Rate	Set the wireless data transfer rate. The
	default is set to Auto.
N Data Rate	Set the data rate of 802.11n. The default is
	set to Auto.
Channel Width	Select wireless channel width (bandwidth
	used by wireless signals from the device) –
	the recommended value is 20/40/80MHz.

Preamble Type	Set the wireless radio preamble type. The default value is "Short Preamble".
CTS Protect	Enabling this setting will reduce the chance
	and 802.11g wireless Access Points. It's
	recommended to set this option to "Auto".
Tx Power	Set the power output of the wireless radio.
	You may not require 100% output power.
	Setting a lower power output can enhance
	security since potentially malicious/unknown
	users in distant areas will not be able to
	access your signal.



Tx power works in conjunction with the switch on the side of the device. The switch is the primary setting and the Tx power value here will be a percentage of the slide switch setting. E.G If the slide switch is set to Green Mode (25%) and Tx power to 75%, the overall output will be 75% of 25%.

III-3-6. Administration



Various administrative functions can be accessed from the "Administration" menu.

III-3-6-1. Wireless



WiFi Extender mode only

You can adjust the level of wireless output power as a percentage. Depending on the size of your location and required coverage, you may not require 100% output power. Reducing the output power can enhance security since your Wi-Fi signal will not extend to potential malicious/unknown users in distant areas.



Tx power can also be adjusted using the switch on the side of the device. Refer to I-4. Switch.

—Advanced Settings——		
	2.4G Tx Power	100% •
	5G Tx Power	100% •
		Save Settings

2.4G Tx Power	Adjust the Wi-Fi output power for the 2.4GHz frequency.
5G Tx Power	Adjust the Wi-Fi output power for the 5GHz frequency.

III-3-6-2. Time Zone

Time Zone	
Set Time Zone	(GMT)Greenwich Mean Time: Dublin, Edinburgh, Lisbon, London 💌
Time Server Address	pool.ntp.org
Daylight Savings	Enable Function January v 1 v To January v 1 v
	Save Settings

Set Time Zone	Select the time zone of your country or	
	region.	
Time Server Address	Supports NTP (Network Time Protocol) for	
	automatic time and date setup. Input the	
	host name of the IP server manually.	
Daylight Saving	If your country/region uses daylight saving	
	time, please check the "Enable Function"	
	box, and select the start and end date.	

III-3-6-3. Password

You can change the password used to login to the browser-based configuration interface here. It is advised to do so for security purposes.



Please make a note of the new password. In the event that you forget the password and are unable to login to the browser based configuration interface, see <u>I-6. Reset to factory default</u> <u>settings</u> for how to reset the device.

Password	
Current Password	
New Password	
Confirmed Password	
	Apply

Current Password	Enter your current password.	
New Password	Enter your new password.	
Confirmed Password	Confirm your new password.	

III-3-6-4. Backup/Restore

Backup / Restore			
	Backup Settings	Save	
	Restore Settings	Choose File No file chosen Upload	
	Restore to Factory Default	Reset	
	Debug Logs	Save	
	GA_Debug Logs	Save	
	Restore to Factory Default Debug Logs GA_Debug Logs	Reset Save Save	

Backup Settings	Click "Save" to save the current settings on your
	computer as config.bin file.
Restore Settings	Click "Browse" to find a previously saved
	config.bin file and then click "Upload" to replace
	your current settings.
Restore to	Click "Reset" to restore settings to the factory
Factory Default	default. A pop-up window will appear and ask
	you to confirm and enter your log in details.
	Enter your username and password and click
	"Ok". See below for more information.
Debug Logs	Click to save a log file of wireless information to
	your computer as a .txt file.
GA_Debug Logs	Click to save a log file of wireless information to
	your computer as a .txt file.

III-3-6-5. Upgrade

The upgrade page displays the current firmware version and allows you to upgrade the system firmware to a more recent version. You can download the latest firmware from the Edimax website and upgrade manually using the **Choose File** button or you can click the **Check the latest version** button to check your version and automatically upgrade if a newer version is available. After the upgrade, the system will restart.

Do not switch off or disconnect the device during a firmware upgrade, as this could damage the device. It is recommended that you use a wired Ethernet connection for a firmware upgrade and that you backup your existing firmware before upgrading.

Upgrade		
	The current firm ware version : 1.03	
	Check the latest version	
	Change File No file change	
	Choose The No the chosen	
	Apply	

III-3-6-6. Group Upgrade

You can upgrade firmware for multiple RE11S's at once using the group upgrade function, as well as check the latest firmware version. Select the model(s) to upgrade and click Upgrade to browse for the firmware file and upgrade. After the upgrade, the system will restart.

Do not switch off or disconnect the device during a firmware upgrade, as this could damage the device. It is recommended that you use a wired Ethernet connection for a firmware upgrade and that you backup your existing firmware before upgrading.

-Ungrade-					
opgrade					
			Current FW		
	del	IP Address	version	New FW version	Status
		No	data available ii	n table	
		Check fir	mware version	Upgrade	

Check firmware	Click to check the latest available firmware	
version	version.	
Upgrade	Browse to the firmware file on your computer	
	and upgrade selected devices.	

III-3-6-7. Restart

In the event that the RE11/RE11S malfunctions or is not responding, then it is recommended that you restart the device.

Restart
In the event that the system stops responding correctly or stops functioning, you can perform a system restart. Your settings will not be changed. To restart, click on the APPLY button below. You will be asked to confirm your decision. The restart will be complete when the power LED light stops blinking.
Apply

Appendix IV.

Configuring your IP address IV-1.

For first time access to the URL http://edimaxext.setup please ensure your computer is set to use a dynamic IP address. This means your computer can obtain an IP address automatically from a DHCP server. You can check if your computer is set to use a dynamic IP address by following VII-1-1. How to check that your computer uses a dynamic IP address.

Static IP users can also temporarily modify your computer's IP address to be in the same IP address subnet e.g. 192.168.9.x (x = 3 - 254) as the RE11S in order to access http://edimaxext.setup.



The RE11S's default IP address is 192.168.9.2.

The procedure for modifying your IP address varies across different operating systems; please follow the guide appropriate for your operating system in IIV-1-2. How to modify the IP address of your computer.



You can assign a new IP address to the device which is within the subnet of your network during setup or using the browser based configuration interface, so that you can access the URL http://edimaxext.setup in future without modifying your IP address.



Please remember to change your IP address back to its original value after the device is properly configured.

IV-1-1. How to check that your computer uses a dynamic IP address

Please follow the instructions appropriate for your operating system.

IV-1-1-1. Windows 7

1. Click the "Start" button (it should be located in the lower-left corner of your computer), then click "Control Panel".



2. Under "Network and Internet" click "View network status and tasks".



3. Click "Local Area Connection".

· · · · · · · · · · · · · · · · · · ·		×		See full map
TS-WIN7 (This computer)	Home network		Internet	
View your active networks				Connect or disconnect
Home network Home network		Access type: HomeGroup: Connections:	pe: No Internet access oup: Ready to create ons: I Local Area Connection	

View your basic network information and set up connections

4. Click "Properties".

📮 Local Area Conn	ection Status	×
General	w Snip	
Connection		
IPv4 Connectiv	ity:	No Internet access
IPv6 Connectiv	ity:	No network access
Media State:		Enabled
Duration:		02:08:52
Speed:		100.0 Mbps
Details		
Activity		
	Sent —	Received —
Bytes:	951,332	4,398,184
Properties	Disable	Diagnose
		Close

5. Select "Internet Protocol Version 4 (TCP/IPv4) and then click "Properties".

Local Area Connection Properties	<u> </u>		
Networking			
Connect using:			
Broadcom 440x 10/100 Integrated Controller			
Configure			
This connection uses the following items:			
Gient for Microsoft Networks Gos Packet Scheduler			
 Bile and Printer Sharing for Microsoft Networks 			
Internet Protocol Version 6 (TCP / IPv6)			
Internet Protocol Version 4 (TCP/IPv4)			
Link-Layer Topology Discovery Responder			
Install Uninstall Properties			
Description TCP/IP version 6. The latest version of the internet protocol that provides communication across diverse interconnected networks.			
ОК Са	incel		

6. Select "Obtain an IP address automatically" and "Obtain DNS server address automatically" should be selected.

Internet Protocol Version 4 (TCP/IPv4) Properties					
General					
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.					
Obtain an IP address automatical	Obtain an IP address automatically				
IP address:	192.168.2.10				
Subnet mask:	255 . 255 . 255 . 0				
Default gateway:	· · ·				
Obtain DNS server address automatically					
Preferred DNS server:					
Alternate DNS server:					
Validate settings upon exit	Advanced				
	OK Cancel				

IV-1-1-2. Windows 8.1 & 10

1. Click the File Explorer icon in the bottom left of the screen, as shown below.



2. Right click "Network" and then select "Properties".



3. In the window that opens, select "Change adapter settings" from the left side.

🔤 💽 🖡 🖛	Library Tools Picture To	rools Pictures	- 0 ×
File Home Share	e View Manage Manag	ge	~ ()
	ibraries > Pictures >	✓ ♂ Search Pictures	Q,
★ Favorites ■ Desktop	*	Network and Sharing Center –	×
i Downloads 🗐 Recent places	Eontrol Panel Home	and Internet → Network and Sharing Center ✓ C Search Control Panel View your basic network information and set up connections	2
Libraries Document Music Pictures Videos	Change adapter settings Change advanced sharing settings	wyour active networks Access type: Internet Network Access type: Internet Public network Connections: Internet	-
Computer		Change your networking settings Set up a new connection or network Set up a broadband, dial-up, or VPN connection; or set up a router or access point.	
τρι ΠΕΙΝΟΙΑ	See also HomeGroup Internet Options Windows Firewall	Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.	
1 item 1 item selected	Library includes: 2 locations		:== E
		- 限程 (2:54 PM 12/3/2012

4. Choose your connection and right click, then select "Properties".



5. Select "Internet Protocol Version 4 (TCP/IPv4) and then click "Properties".



6. Select "Obtain an IP address automatically" and "Obtain DNS server address automatically" should be selected.

🖣 🔂 📗 🖛 l	Network	- 0	×
File Network View			v 🕐
🛞 ⊝ 🔻 ↑ 🖣 ≻ Netwo	ork v C Se	arch Network	,o
Network discovery and file sharin	na are turned off. Network computers and devices are not visible. Click to change		x
- Eavorites	Network and Sharing Center	- 0 ×	
Desktop	Network Connections	- 🗆 ×	
🚺 Downloads	(e) → ↑ 🕎 « Network and Internet → Network Connections v C Search Network	vork Connections 🔎	
🖳 Recent places	Organize Disable this network device Disappose this connection Rename this connection		
🔚 Libraries	Ethernet Properties		
Documents	Networking		
🎝 Music	Internet Protocol Version 4 (TCP/IPv4) Properties ?		
Pictures	General Alternate Configuration		
Videos	ou can get IP settings assigned automatic. Wy if your network supports		
🖳 Computer	this capability. Otherwise, you need to ask our network administrator		
Network	Use the following IP address:		
	IP address:		
	secret mask:		
	Obtain DNS server address automatically Use the following DNS ensure addresses:		
	Preferred DNS server:		
	Alternate DNS server:		
	Validate settings upon exit Advanced		
0 items	1 item	i 📰 🔳	
6 🗎 📴		▲ 18 12 18 12/3	PM

IV-1-1-3. Mac OS

1. Have your Macintosh computer operate as usual, and click on "System Preferences".



2. In System Preferences, click on "Network".



3. Click on "Wi-Fi" in the left panel and then click "Advanced" in the lower right corner.

⊜ ⊖ ⊖	Network	(
◄ ► Show All		Q
	Location: Automatic	\$
• Wi-Fi Connected	Status:	Connected Turn Wi-Fi Off Wi-Fi is connected to OBM-AirPort-2.4G and
Kot Connected	600	has the IP address 192.168.77.119.
AX881thernet Not Connected	Network Name:	OBM-AirPort-2.4G \$
e 802.11 n WLAN Not Connected	~~~	Ask to join new networks Known networks will be joined automatically. If no known networks are available, you will
● FireWire Not Connected	<u>알</u>	be asked before joining a new network.
Bluetooth PAN Not Connected	8	
	☑ Show Wi-Fi status	in menu bar
+ - * -		
Click the lock to	prevent further changes.	Assist me Revert Apply
4. Select "TCP/IP" from the top menu and "Using DHCP" in the drop down menu labeled "Configure IPv4" should be selected.

Wi-Fi	CP/IP DNS WINS 802.1X	Proxies	s Hardware
Configure IPv4	Using DHCP		
IPv4 Address	Using DHCP with manual address Using BootP	(Renew DHCP Lease
Subnet Mask	Manually	ID:	
Router	Off	100	(If required)
Configure IPv6:	Automatically	\$	
Router:			
IPv6 Address:			
Prefix Length:			

IV-1-2. How to modify the IP address of your computer

Please follow the instructions appropriate for your operating system. In the following examples we use the IP address **192.168.9.20** though you can use any IP address in the range **192.168.9.x** (x = 3 - 254) in order to access iQ Setup/browser based configuration interface.



IV-1-2-1. Windows 7

1. Click the "Start" button (it should be located in the lower-left corner of your computer), then click "Control Panel".



2. Under "Network and Internet" click "View network status and tasks".



3. Click "Local Area Connection".

View your basic network infor	mation and se	et up connect	ions	
I	-	×		See full map
TS-WIN7 (This computer)	Home network		Internet	
View your active networks				Connect or disconnect
Home network Home network		Access type: HomeGroup: Connectons:	No Interne Poody to Local Area	et access moste a Connection

4. Click "Properties".

🎚 Local Area Connectio	on Status		x
General	hip		
Connection			_
IPv4 Connectivity:		No Internet acce	ss
IPv6 Connectivity:		No network acce	ss
Media State:		Enabl	ed
Duration:		02:08:	52
Speed:		100.0 Mb	ps
Details			
Activity			_
	Sent —	Receive	ed
Bytes:	951,332	4,398,1	84
Properties	Disable	Diagnose	
		Cl	ose

5. Select "Internet Protocol Version 4 (TCP/IPv4) and then click "Properties".

Local Area Connection Properties	8		
Networking			
Connect using:			
Proadcom 440x 10/100 Integrated Controller			
Configure			
This connection uses the following items:			
 ✓ Client for Microsoft Networks ✓ QoS Packet Scheduler ✓ File and Printer Sharing for Microsoft Networks ✓ Internet Protocol Version 6 (TCP/IPv6) ✓ Internet Protocol Version 4 (TCP/IPv6) ✓ Link-Layer Topology Discovery Mapper I/O Parer ✓ Link-Layer Topology Discovery Responder 			
Install Uninstall Properties			
Description TCP/IP version 6. The latest version of the internet protocol that provides communication across diverse interconnected networks.			
ОК Са	ncel		

6. Select "Use the following IP address", then input the following values:

Your existing static IP address will be displayed in the "IP address" field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

IP address: 192.168.9.20 Subnet Mask: 255.255.255.0

Click 'OK' when finished.

	24 No. 141 No.
u can get IP settings assigned is capability. Otherwise, you n	l automatically if your network supports eed to ask your network administrator
r the appropriate IP settings.	
Obtain an IP address auton	natically
Output the following IP address	is:
IP address:	192.168.9.20
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	
Obtain DNS server address	automatically
Use the following DNS served	er addresses:
Preferred DNS server:	
Alternate DNS server:	Grab selected Region
	Advanced
	·

IV-1-2-2. Windows 8.1 & 10

1. Click the File Explorer icon in the bottom left of the screen, as shown below.



2. Right click "Network" and then select "Properties".



3. In the window that opens, select "Change adapter settings" from the left side.



4. Choose your connection and right click, then select "Properties".



5. Select "Internet Protocol Version 4 (TCP/IPv4) and then click "Properties".



6. Select "Use the following IP address", then input the following values:

Your existing static IP address will be displayed in the "IP address" field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

IP address: 192.168.9.20 Subnet Mask: 255.255.255.0

Click 'OK' when finished.

IV-1-2-3. Mac

1. Have your Macintosh computer operate as usual, and click on "System Preferences"



2. In System Preferences, click on "Network".



3. Click on "Wi-Fi" in the left panel and then click "Advanced" in the lower right corner.

00		Network		
■ Show All]			Q
	Location: Au	itomatic	:	•
Wi-Fi Connected Ethernet Not Connected		Status:	Connected Wi-Fi is connected to OI has the IP address 192.	Turn Wi-Fi Off BM-AirPort-2.4G and 168.77.119.
AX881thernet Not Connected	(000) N	letwork Name:	OBM-AirPort-2.4G	÷)
• Not Connected • FireWire Not Connected			Known networks will be If no known networks a be asked before joining	e joined automatically. rre available, you will g a new network.
Bluetooth PAN Not Connected	8			
+ - & •	She	ow Wi-Fi status	in menu bar	Advanced
Click the lock to	prevent further cha	nges.	Assist me	Revert Apply

4. Select "TCP/IP" from the top menu and select "Manually" from the drop down menu labeled "Configure IPv4", then click "OK".

0	Network	
Show All	Committee (consideration of)	Q
🛜 Wi-Fi		
Wi-Fi	Using DHCP Using DHCP with manual address Using PootP	oxies Hardware
Configure 1.v4	Manually	The second second second
IPv4 Address	Off	
Subnet Mask:	255.255.255.0	1 101-2.40
Router:	192.168.77.1	
Configure IPv6:	Automatically	\$
Router:		
IPv6 Address:		
Prefix Length:		
		ber Advanced
?		Cancel OK
Cick the lock to preve		a mail in Revent

Your existing static IP address will be displayed in the "IP address" field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

5. In the "IPv4 Address" and "Subnet Mask" field enter IP address 192.168.9.20 and subnet mask 255.255.255.0. Click on "OK".

0 0	Netwo	ork	
⊲ ▷ Show All			Q
🤝 Wi-Fi			
Wi-Fi		802.1X Proxies	Hardware
	State	n: Connected	Turn Wi-Fi Off
Configure IPv4:	Manually	\$	
IPv4 Address:	192168.9.20		
Subnet Mark:	255.255.255.0		
Router:	192.168.77.1		
		Concern Service State	
Configure IPv6:	Automatically	Ŧ	
Router:			
IPv6 Address:			
Prefix Length:			
			Cancel
Clear the lock to preve			Cancel Ok

6. Click "Apply" to save the changes.



IV-2. Connecting to a Wi-Fi network

For help connecting to your device's *edimaxext.setup* SSID for initial setup, or to connect to your device's new Wi-Fi network (SSID) after setup is complete, follow the guide below:

Below is an example of how to connect using Windows Vista – the process may vary slightly for other versions of Windows.

1. Click the network icon (Image: Second Select "Connect to a network".



2. Search for the SSID of your RE11S and then click "Connect". If you set a password for your network, you will then be prompted to enter it.



3. After correctly entering your password, you will be successfully connected to the RE11S's wireless network.



IV-3. Troubleshooting

If you are experiencing problems with your WiFi Extender, please refer to this troubleshooting guide before contacting your dealer of purchase for help.

Scenario	Solution
I can't log onto the browser-based configuration interface.	 a. Please check that the WiFi Extender is correctly inserted into a power socket and check the LEDs on the front panel. If the WiFi Extender is initializing after being switched off or restarted, wait for a 2 minutes and try again. b. Make sure you are using the full, correct URL: http://edimaxext.setup c. If you are using a MAC or IP address filter, try to connect the WiFi Extender using a different computer. d. Set your computer to obtain an IP address automatically (DHCP), and see if your computer can obtain an IP address. e. Ensure that all other Wi-Fi/Ethernet adapters are disabled or disconnected. f. Password is case-sensitive. Make sure the "Caps Lock" light is not illuminated. g. b. If you do not know your password, restore the
l can't establish a connection to my WiFi Extender.	 a. If encryption is enabled, please re-check WEP or WPA passphrase settings on your wireless client. The password is case-sensitive. Make sure the "Caps Lock" light is not illuminated. b. Try moving closer to the WiFi Extender. c. Switch off the WiFi Extender and switch it back on after 10 seconds. d. Please check that the WiFi Extender is correctly inserted into a power socket and check the LEDs on the front panel.
File downloads are very slow or frequently interrupted.	 a. Reset the WiFi Extender b. Try again later. Your local network may be experiencing technical difficulties or very high usage. c. Change channel number.
The WIFI Extender IS	a. It is normal for the wifi Extender to heat up during

extremely hot.	 frequent use. If you can safely place your hand on the WiFi Extender, the temperature of the device is at a normal level. b. If you smell burning or see smoke coming from WiFi Extender then disconnect the WiFi Extender immediately, as far as it is safely possible to do so. Call your dealer of purchase for help.
My network device	a. Ensure that your broadband router is fully
can't access the	functional.
Internet.	b. Switch off both your network device and WiFi
	Extender and switch back on again.
	c. Ensure that the WiFi Extender is powered on (check
	d. On the browser based configuration interface home
	page, check "Status" under "Wireless
	Configuration". It should be "Connected" – if it is
	"Disconnected" then this means the WiFi Extender
	is not connected to your router/Access Point.
My WiFi Extender has	The best location to place the Wi-Fi Extender is one
a poor signal from my	which is an open space, roughly in the middle
Access Point/router.	between your router and the Wi-Fi dead zone, and
	where the Wi-Fi Extender LED displays "Excellent"
	signal strength.
	 a. Keep the WiFi Extender away from other radio devices such as microwaves or wireless telephones. b. Do not put the WiFi Extender in the corner of a room or under/nearby metal. c. It is recommended to plug the WiFi Extender directly into a wall socket. d. Ensure there are as few obstacles as possible between the WiFi Extender and the Access Point/router.
Can I use the same	Yes, but it is not recommended as it will be difficult to
SSID as my current	distinguish between two SSIDs with the same name.
, gateway router for	
my Wi-Fi Extender?	



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The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. The software and specifications are subject to change without notice. Please visit our website www.edimax.com for updates. All brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders.

AT	BE	BG	HR	CY	CZ	DK
EE	FI	FR	DE	EL	HU	IE
IT	LV	LT	LU	MT	NL	PL
PT	RO	SK	SI	ES	SE	UK

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

Federal Communication Commission Interference Statement

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

Federal Communications Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RED Compliance Statement

Compliance with 2014/53/EU Radio Equipment Directive (RED)

In accordance with Article 10.8(a) and 10.8(b) of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the EU:

Frequency range (MHz)	Max. Transmit Power (dBm)
2412-2472	19.97 dBm
5150-5250	22.83 dBm

A simplified DoC shall be provided as follows: Article 10(9)

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type AC1200 Dual-Band Wi-Fi Extender is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet address: <u>http://www.edimax.com/edimax/global/</u>

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

EU Declaration of Conformity

This equipment is in compliance with the essential requirements and other relevant English: provisions of Directive 2014/53/EU, 2014/35/EU. Français: Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/53/EU, 2014/35/EU. Čeština: Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2014/53/EU, 2014/35/EU. Polski: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/53/EU, 2014/35/EU. Română: Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/UE, 2014/35/UE. Это оборудование соответствует основным требованиям и положениям Директивы Русский: 2014/53/EU, 2014/35/EU. Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek Magyar: (2014/53/EU, 2014/35/EU). Bu cihaz 2014/53/EU, 2014/35/EU direktifleri zorunlu istekler ve diğer hükümlerle ile Türkçe: uyumludur. Українська: Обладнання відповідає вимогам і умовам директиви 2014/53/EU, 2014/35/EU. Slovenčina: Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/53/EU, 2014/35/EU. Deutsch: Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/53/EU, 2014/35/EU. Español: El presente equipo cumple los requisitos esenciales de la Directiva 2014/53/EU, 2014/35/EU. Italiano: Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/53/EU, 2014/35/UE. Nederlands: Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/53/EU, 2014/35/EU. **Português:** Este equipamento cumpre os requesitos essênciais da Directiva 2014/53/EU, 2014/35/EU. Norsk: Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/53/EU, 2014/35/EU. Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/53/EU, 2014/35/EU. Dansk: Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2014/53/EU, 2014/35/EU. suomen kieli: Tämä laite täyttää direktiivien 2014/53/EU, 2014/35/EU. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN AT BE CY CZ DK EE (H) (R) DE (R) (HU (E) (T) (LV (T) (LU (MT) NL (PL (PT) SK) S) (E) SE (GB (S) (L) NO (CH (BG) RO (RU) (TR) (LA



WEEE Directive & Product Disposal



Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European Radio Equipment directives.

Equipment: AC1200 Dual-Band Wi-Fi Extender Model No.: RE11S

The following European standards for essential requirements have been followed:

Directives 2014/53/EU

Spectrum	: EN 300 328 V2.1.1 (2016-11)
	EN 301 893 V2.1.1 (2017-05)
EMC	: EN 301 489-1 V2.2.0 (2017-03)
	EN 301 489-17 V3.2.0 (2017-03)
EMF	: EN 62311:2008
Safety (LVD)	: IEC 62368-1:2014 (2 nd Edition) and/or EN 62368-1:2014+A11:2017

Edimax Technology Europe B.V.		a company of:
Fijenhof 2,		Edimax Technology Co., Ltd.
5652 AE Eindhoven,		No. 278, Xinhu 1st Rd.,
The Netherlands		Neihu Dist., Taipei City,
Drinted Names	David Llucard	Taiwan
Printeu Name.	David Huang	
Title:	Director	
	Edimax Technology Europe B.V.	

CE	Date of Signature: _ Signature:	Nov., 2020
	Printed Name:	Albert Chang
	Title:	Director
	_	Edimax Technology Co., Ltd.

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Version 2, June 1991

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