

EW-7438RPn Air



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I. Product Information

I-1. Package Contents



- EW-7438RPn Air
- CD with multi-language QIG & user manual
- Quick installation guide (QIG)
- Access key card

I-2. System Requirements

- Existing 2.4GHz wireless network
- Computer with 2.4GHz 802.11/b/g/n Wi-Fi adapter, and web browser for software configuration (Internet Explorer 8[°] or above, Google Chrome[°], Firefox[°] or Safari[°] latest version)
- iOS 5 above or Android 4.x above for mobile app

I-3. LED Status

Color	Status	Description
Blue	On	Good signal strength: 60 – 100%
	Flashing	Normal signal strength: 40 – 59%
Amber	Flashing	Poor signal strength: 0 – 39%
Red	On	Disconnected
	Flashing	Extender is booting up

Green	On	Successful WPS connection
	Flashing	WPS in progress
Off	Off	Sleep Mode

II. Installation

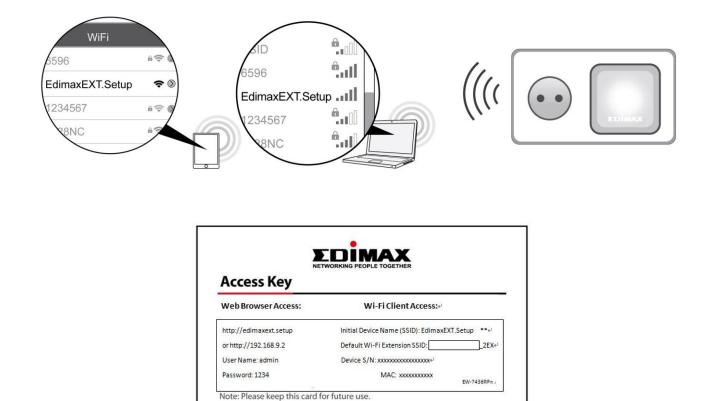
 Plug the EW-7438RPn Air into a power socket. The LED will flash red while the system is booting up. The device is ready when the LED displays on (red).



2. Use a Wi-Fi device (e.g. computer, tablet, smartphone) to search for a Wi-Fi network with the SSID "EdimaxEXT.Setup **" and connect to it.

If you are using a computer, please disconnect any Ethernet cables. For mobile devices, iOS 5 or Android 4.x or above is required.

The last two characters of the SSID (EdimaxEXT.Setup**) will be unique numbers according to your device e.g."EdimaxEXT.Setup c1". These unique numbers are displayed as the last two characters of the MAC address on the included access key card.



3. Open a web browser and if you do not automatically arrive at the "Get Started" screen shown below, enter the URL *http://edimaxext.setup* and click "Get Started" to begin the setup process.



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.

- **4.** Please read the on screen instructions about selecting a good location for your wireless extender and then click "NEXT" to continue. You can check your signal strength on the next page.
- 5. Select your Wi-Fi network from the list and enter the security key/password. You can also enter a new Wi-Fi network name (SSID) if you wish. Click "Next" to continue.

By default, the Wi-Fi extender's new wireless network name (SSID) is your existing router/access point's SSID + _2EX. For example if your router's SSID is "Your SSID" then the EW-7438RPn Air 's SSID will be "Your SSID_2EX". You can change your extender's new SSID in the "Extender Device SSID" field.

Select	SSID	Signal
۲	Matt	100%
Security Key(your existing network security key) abcd1234		
Extender device SSID Matt_2EX		
0	EDIMAX_GC_2.4G_test	100%
0	OBM_AE	100%

Do not check "Connect to a hidden network" **unless you wish to connect to a hidden SSID instead. Refer to the user manual for more information.**

6. Please wait while the EW-7438RPn Air tests the connection.





If your Wi-Fi extender cannot obtain an IP address from your existing router/access point then click the "Static IP" button to assign an IP address to the extender. For more guidance please refer to the user manual. **7.** When the connection test is complete, click "Apply" to restart the extender.



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

Security Key : abcd1234

System restarting. Please wait for a moment.
15%
Remind: Your Wi-Fi will disconnect from the extender during the system restart (approximately 1 minute). When the system is complete, please connect to the extender's new SSID and password as below.
Extender SSID Name : Matt_2EX

9. A final congratulations screen will indicate that setup is complete. The EW-7438RPn Air is working and ready for use - the LED should display **on** or **flashing blue** depending on your signal strength. To download the EdiRange app, click the icon or scan the QR code.



10. Please close the browser window. You can now connect to the extender's new SSID on a wireless device within range such as a computer, smartphone or tablet.



The password for your Wi-Fi extender's SSID is the same as for 🤲 your router's SSID.

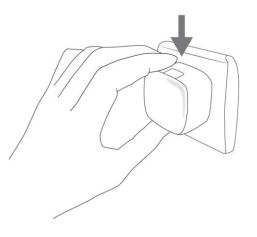
For more advanced configurations, use the browser based configuration interface (refer to IV. Browser Based **Configuration Interface** or the user manual for more information).



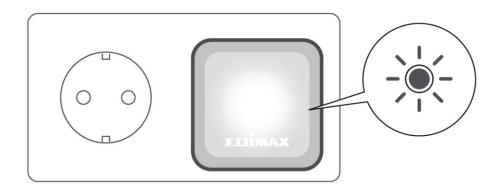
III. Reset the Extender

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

1. Press and hold the WPS/Reset button for at least 10 seconds until the LED is **flashing red**.



2. Wait for the extender to restart. The extender is ready for setup when the LED displays on (red).



IV. Browser Based Configuration Interface

After setup you can use the browser based configuration interface to configure advanced settings.

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



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



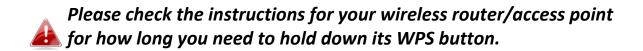
3. You will arrive at the "Status and Information" screen. Use the menu down the left side to navigate. Refer to the user manual for more detailed guidance.

Log In

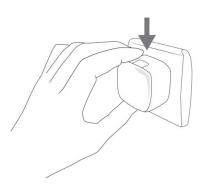
Cancel

If your wireless router/access point supports WPS (Wi-Fi Protected Setup) then you can use this method to setup your wireless extender.

1. Press the WPS button on your wireless router/access point to activate its WPS.



 Within two minutes, press and hold the WPS button on the wireless extender for two seconds. The extender's LED should flash green to indicate that WPS is in progress.



3. The devices will establish a connection. The extender's LED should display **on (green)** for 30 seconds to indicate a successful connection.

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

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

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

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

English:	This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1995/95/EC, 2011/65/EC.
Français:	Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 1995/95/CE, 2011/65/CE.
Čeština:	Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 1995/95/ES, 2011/65/ES.
Polski:	Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 1995/95/EC, 2011/65/EC
Română:	Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 1995/95/CE, 2011/65/CE.
Русский:	Это оборудование соответствует основным требованиям и положениям Директивы 1995/95/EC, 2011/65/EC.
Magyar:	Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (1995/95/EK, 2011/65/EK).
Türkçe:	Bu cihaz 1995/95/EC, 2011/65/EC direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.
-	: Обладнання відповідає вимогам і умовам директиви 1995/95/EC, 2011/65/EC. Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 1995/95/ES, 2011/65/ES.
Deutsch:	Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 1995/95/EC, 2011/65/EC.
Español:	El presente equipo cumple los requisitos esenciales de la Directiva 1995/95/EC, 2011/65/EC.
Italiano:	Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 1995/95/CE, 2011/65/CE.
Nederlands	Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 1995/95/EC, 2011/65/EC
Português: Norsk:	Este equipamento cumpre os requesitos essênciais da Directiva 1995/95/EC, 2011/65/EC. Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 1995/95/EC, 2011/65/EC.
Svenska:	Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 1995/95/EG, 2011/65/EG.
Dansk:	Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 1995/95/EC, 2011/65/EC.
suomen kie	li: Tämä laite täyttää direktiivien 1995/95/EY, 2011/65/EY oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN **AT BE CY C2 OK EP FP FR DB GR (PU (B) (T) (V) (D) (U) (M) (N) (P) (P) GR (S) (S) (S) (S) (G) (G) (G) (G) (G) (R)**

WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

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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 R&TTE directive 1999/95/EC, and directive 2011/65/EC(RoHS). N300 Smart Wi-Fi Extender Equipment: Model No.: EW-7438RPn Air The following European standards for essential requirements have been followed: Spectrum: ETSI EN 300 328 V1.8.1 (2012-06) EMC: EN 301 489-1 V1.9.2 (2011-09); EN 301 489-17 V2.2.1 (2012-09) EN 62311:2008 EMF: Safety (LVD): IEC 60950-1:2005 (2nd Edition);Am1:2009 EN-60950-1:2006+A11:2009+A1:2010+A12:2011 Edimax Technology Europe B.V. a company of : Edimax Technology Co., Ltd., Nijverheidsweg 25, No. 3, Wu Chuan 3rd Road, 5683 CJ BEST THE NETHERLANDS Wu-Ku Industrial Park, New Taipei City, Taiwan Signature: Printed Name: Vivian Ma Title: Director Edimax Technology Europe B.V. Date of Signature: March 30, 2014 Signature: CE Printed Name: Albert Chang Title: Director Edimax Technology Co., Ltd.

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