

EW-7438RPn Mini



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I. Product Information

I-1. Package Contents



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

I-2. System Requirements

- Wi-Fi extender/Wi-Fi bridge mode: Existing 2.4GHz wireless network
- Access point mode: Cable/DSL modem router
- 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)
- Smartphone setup: iOS 4.3 or Android 4.x and above

I-3. LED Status

LED	Color	Status	Description
Signal Strength 11 2.4GHz	Amber	On	Excellent signal Signal strength: 60 – 100%
		Slow Flashing	Good signal Signal strength: 40 – 60%
		Quick Flashing	Poor signal Signal strength: 0 – 40%
		Off	No signal detected, disconnected, or in LED off mode

Wi-Fi	Green	Flashing	Transferring data
	Green	Off	Wi-Fi not active or in LED off mode
Power	Green	On	Extender is on
		Flashing	Resetting to factory default settings or extender is starting up
		Off	Extender is off or in LED off mode
WPS Green	Green	On	WPS connection established (LED will remain on for 5 minutes to indicate a successful connection)
		Flashing	WPS in progress (waiting for another WPS device)
		Off	No WPS in progress or in LED off mode
LAN	Green	On	LAN port connected
		Flashing	LAN activity (transferring or receiving data)
		Off	LAN port not connected

LEDs can be disabled in "Advanced Setting → Scheduling setting" in the browser based configuration interface. If LEDs are disabled, all LEDs will be off regardless of the extender's status. The EW-7438RPn Mini has three different operating modes:

Wi-Fi Extender	The device connects wirelessly to your existing network and repeats the wireless signal. Location: The best location for your extender is roughly in the middle between your existing wireless router/access point and the dead zone. The extender needs to receive a good Wi-Fi signal from your router/access point.
Wi-Fi Adapter/ Wi-Fi Bridge	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.
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.

1. Plug the EW-7438RPn Mini into a power socket.



2. The green power LED will flash while the 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 last two ** characters are unique according to your device.

If you are using a computer, please disconnect any Ethernet cables.



Note: Please keep this card for future use.

4. 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.

5. Select an operating mode for your EW-7438RPn Mini.



- **6.** Follow the on-screen instructions for your selected mode to complete setup.
- 7. After setup, you can download the EdiRange app by scanning the QR code shown below or on the back of access key card to control such as Wi-Fi on/off scheduling or enable/disable guest network in Wi-Fi extender mode.





For more advanced configurations, use the browser based configuration interface at http://edimaxext.setup (refer to 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 green power LED is **flashing** then release the button.



2. Wait for the extender to restart. The extender is ready for setup when the green power LED displays on.

IV. WPS

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.

Please check the instructions for your wireless router/access point for how long you need to hold down its WPS button.



2. Within two minutes, press and hold the WPS button on the wireless extender

for two seconds. The extender's **green** WPS LED should flash to indicate that WPS is in progress.

3. The devices will establish a connection. The extender's **green** WPS LED should display on for 5 minutes 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

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.

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 CZ OK EP EP ER DB CR (PU EP III) (V) (D) (U) (M) (N) (P) (P) SK (S) ES (EP GB (B) (L) (N) (P) EG (R) (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.

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 directives.

Equipment: N300 Mini Wi-Fi Extender/Access Point/Wi-Fi Bridge Model No.: EW-7438RPn Mini

The following European standards for essential requirements have been followed:

 Spectrum:
 ETSI EN 300 328 V1.8.1

 EMC:
 EN 301 489-1 V1.9.2 (2011-09); EN 301 489-17 V2.2.1 (2012-09)

 EMF:
 EN 62311:2008

 Safety (LVD):
 IEC 60950-1:2005 (2nd Edition); EN-60950-1:2006+A11:2009+A1:2010+A12:2011

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Date of Signature:	July, 2014
Signature:	Alte
Printed Name:	Albert Chang
Title:	Director
	Edimax Technology Co., Ltd.

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