EDIMAX
NETWORKING PEOPLE TOGETHER

Wi-Fi Extender
3in1
Wi-Fi Bridge
Access Point
Switch mode at will!

Smart

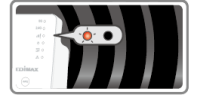ANDROID APP ON
Google play

Download on the
App Store

Eliminate Wi-Fi Dead Zones

2.4GHz 5GHz
Dual-Band

Signal Strength Indicator

WWW
Easy Browser-Based
Setup, No CD Required

EW-7438AC

Smart AC750 Dual-Band Wi-Fi Extender/ Access Point/Wi-Fi Bridge

The Edimax EW-7438AC is an 11ac high-speed smart Wi-Fi extender with built-in power adapter and a compact design which plugs directly into an electrical outlet. Double the signal coverage of your Wi-Fi network for better Wi-Fi quality around your home. With smart iQ Setup, installation is quick and easy and the EW-7438AC features three operating modes: Wi-Fi extender, access point or Wi-Fi bridge. Use whichever mode you need for your network. Additionally, the extender complies with IEEE 802.11ac and IEEE 802.11 a/b/g/n wireless standards, for concurrent dual-band wireless speeds up to 750Mbps (300Mpbs on 2.4GHz + 433Mbps on 5GHz). With the Edimax EW-7438AC you can enjoy high-speed wireless networking throughout your home without additional cabling. And the EW-7438AC works together with the free EdiRange smartphone app to provide local Wi-Fi environment analytics as well as Wi-Fi scheduling functions and guest network management.

11ac Super High-Speed Dual-Band Wi-Fi
Offers the latest 11ac Wi-Fi technology with high-speed capacity up to 750Mbps (N300 + AC433Mbps) and extends both 2.4GHz and 5GHz wireless connections at the same time.

5GHz
ac n a   433Mbps

2.4GHz
n g b   300Mbps

11ac Super High-Speed Dual-Band Wi-Fi

Eliminate Dead Zones & Double Wi-Fi Coverage
Extend Wi-Fi coverage to dead zones which your existing Wi-Fi signal can't reach. Plug the extender directly into an electrical outlet and double the signal coverage of your Wi-Fi network for better Wi-Fi quality across different rooms or multiple floors in your home.

Laptop   Laptop

Router   Router   Wi-Fi
                         Extender
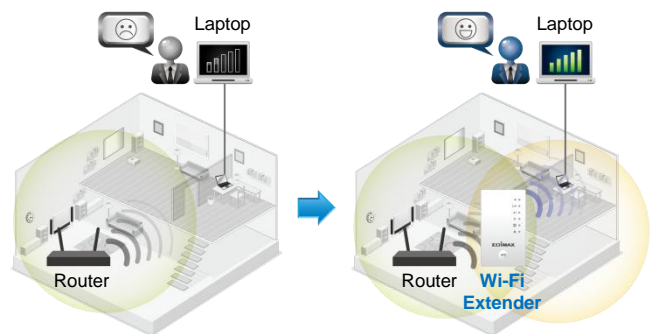
Smart 3-in-1 Extender, Access Point and Wi-Fi Bridge
The EW-7438AC can work as Wi-Fi extender, access point or Wi-Fi bridge. Just configure the mode you need for your network environment using the smart iQ Setup wizard and enjoy surfing the web.

3-in-1 for flexible network applications

Wi-Fi Extender	Access Point	Wi-Fi Bridge
Extend existing Wi-Fi for further coverage.	Create Wi-Fi access for any existing wired network.	Let wired TVs, game consoles or media players join your wireless network.

Smart AC750 Dual-Band Wi-Fi Extender/ Access Point/Wi-Fi Bridge

EW-7438AC

Smart iQ Setup

Features user-friendly browser-based iQ Setup for smart, automatic and quick installation. iQ Setup automatically detects the available Wi-Fi networks nearby and helps you establish a connection in a few seconds.

iQ Setup — Just Plug and Extend

1 Just plug it in
Use a Wi-Fi device to connect to the extender

2 Type the web access URL in your browser*
*iQ Setup will guide you through setup

3 Extend your Wi-Fi in minutes!!
Router

Smart App Control & Analytics

The extender works together with the free EdiRange smartphone app which displays your local Wi-Fi environment and provides easy-to-understand analytics. Plus you can manage the extender's wireless network and functions such as scheduling and guest network.

Free App
EdiRange

ANDROID APP ON
Google play
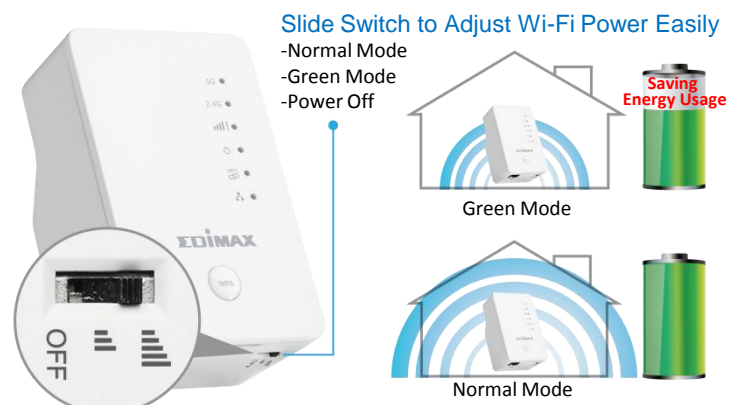
Download on the
App Store

Universal Compatibility, Works With Any Wireless Router

Universal compatibility and easy web-based iQ Setup for quick and easy installation.
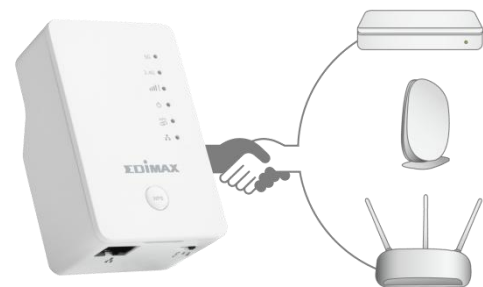
Green Wi-Fi Power Switch

Featuring a new hardware switch to adjust between normal and green Wi-Fi transmit power (the strength of the Wi-Fi signal) or switch off the power with one click. If you only need Wi-Fi in a smaller house, you can switch to green mode to reduce transmit power by 75% and conserve energy.

Slide Switch to Adjust Wi-Fi Power Easily
-Normal Mode
-Green Mode
-Power Off

Saving Energy Usage

Green Mode

Normal Mode

OFF

Smart AC750 Dual-Band Wi-Fi Extender/ Access Point/Wi-Fi Bridge

EW-7438AC

Cross-Band Technology for Maximum Speed

Edimax cross-band technology uses both frequency bands together to maintain your router's maximum speed capacity through your extender and to your Wi-Fi device. Data is transmitted on one band and received on the other band, meaning no speed loss at your extender and a faster network with better performance. Perfect for high-speed applications such as HD video streaming or online gaming.

Cross-Band

2.4G ← → 2.4G

5G ← → 5G

EW-7438AC

Dual-Band Root AP
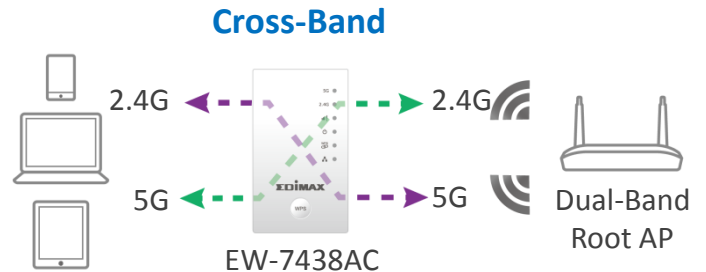
Smart Signal-Strength Indicator

Designed with a signal strength LED which lets you see the Wi-Fi signal strength received from the router* and guides you to find the best setup location.

*Extender or Wi-Fi bridge mode only.

Signal Strength LED

☺ Off: Excellent Signal
☺ Flashing: Good Signal
☺ Flashing Rapidly: Poor Signal
☹ On: No Signal

Install the extender where the signal strength LED is off (but not flashing) for optimal Wi-Fi performance.
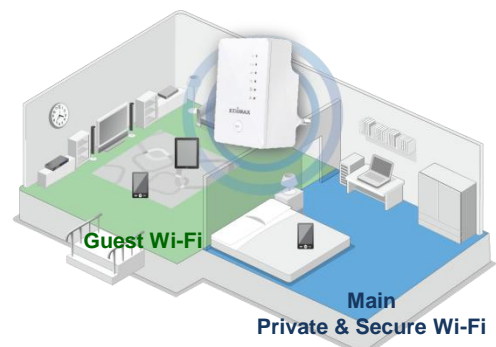
Wi-Fi Scheduling

Program intelligent schedules to manage Wi-Fi availability and power usage according to your home's routine.

Guest Wi-Fi

The EW-7438AC also features a guest wireless network which could be used for visitors only and help to keep your home Wi-Fi private and secure.

Guest Wi-Fi

Main Private & Secure Wi-Fi

Smart AC750 Dual-Band Wi-Fi Extender/ Access Point/Wi-Fi Bridge

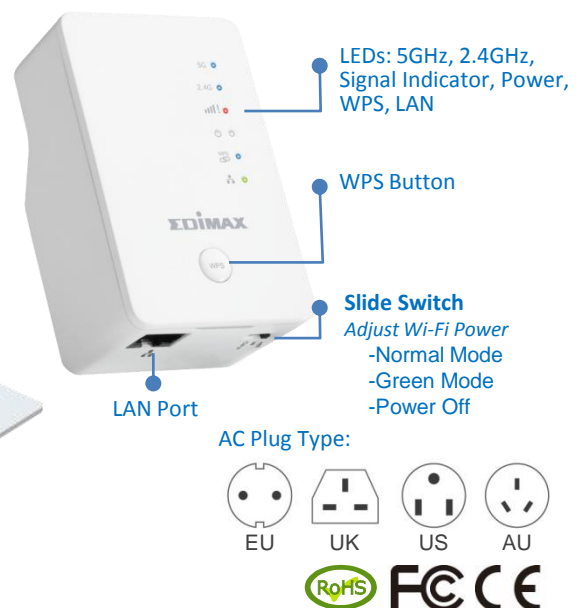**EW-7438AC**

TECHNICAL SPECIFICATIONS

Frequency Band	Wireless Standards and Data Rates	Hardware Interface
✹ 2.4GHz ✹ 5GHz	✹ IEEE 802.11ac (up to 433Mbps) ✹ IEEE 802.11n (up to 300Mbps) ✹ IEEE 802.11a (up to 54Mbps) ✹ IEEE 802.11g (up to 54Mbps) ✹ IEEE 802.11b (up to 11Mbps)	✹ 1 x 10/100Mbps Ethernet LAN port ✹ 1 x Slide switch ✹ 1 x WPS button ✹ LEDs: 5GHz, 2.4GHz, Signal indicator, power, WPS, LAN ✹ 1 x AC plug (EU, UK, US, or AU)

Management	Security	System Requirements
✹ 16-language user interface ✹ Upgradable firmware	✹ 64/128-bit WEP, WPA-PSK and WPA2-PSK encryption ✹ 802.1x authentication, User access control (in access point mode) ✹ WPS (Wi-Fi Protected Setup)	✹ Existing wireless home network (2.4GHz/5GHz) for Wi-Fi extender/Wi-Fi bridge mode, or Cable/xDSL modem router for access point mode ✹ Computer with IEEE802.11ac/a/b/g/n Wi-Fi capability and web browser for software configuration (Internet Explorer, Google Chrome, Firefox, Opera or Safari latest version) ✹ iOS 6 above or Android 4.x above for mobile app

Installation	Antenna	Power Adapter
✹ Multi-language iQ Setup (browser interface) ✹ Hardware WPS button	✹ 3 x internal antennas (2.4GHz x 2, 5GHz x1)	✹ Built-in AC100-240V, 0.16A 50-60Hz power module

Humidity	Temperature	Package Contents
✹ 10-90% (Non-condensing)	✹ 0-40°C (32-104°F)	✹ EW-7438AC Wi-Fi extender ✹ Quick installation guide ✹ CD with multi-language QIG and user manual ✹ Access key card

Dimensions	Weight	Certifications
✹ 59(W) x 91(H) x 40(D) mm (power plug is excluded)	✹ 106g	✹ FCC, CE

APPLICATION DIAGRAM

⬤ Extender Coverage
⬤ Router Coverage

Router

EW-7438AC

HARDWARE INTERFACE

LEDs: 5GHz, 2.4GHz, Signal Indicator, Power, WPS, LAN

WPS Button

Slide Switch
Adjust Wi-Fi Power
  -Normal Mode
  -Green Mode
  -Power Off

LAN Port

AC Plug Type:
EU   UK   US   AU

RoHS FC CE

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