EDIMAX
NETWORKING PEOPLE TOGETHER

2.4GHz
5GHz

EDIMAX
N300+ Concurrent Dual-Band
Universal Wi-Fi Extender
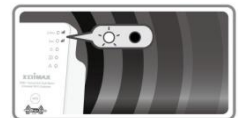
WPS

5GHz **a** b.g.n 2.4GHz
WiFi

Eliminate Wi-Fi Dead Zones
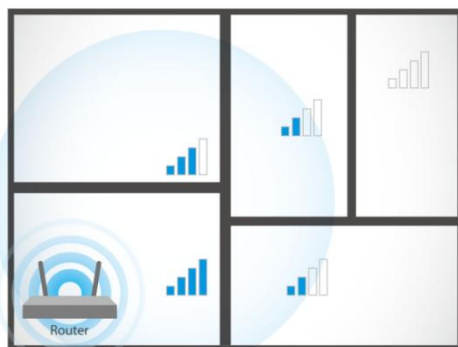
2.4GHz 5GHz

Extend Two Wi-Fi Signals

Internet Video

Signal LED Indicator

EW-7238RPD

N300+ Concurrent Dual-Band Universal Wi-Fi Extender

Eliminate Wi-Fi Dead Zones

Extend Wi-Fi coverage to dead zones which your existing Wi-Fi signal can't reach

Router

Simultaneously Extend Dual-Band Wi-Fi

Extend both 2.4GHz and 5GHz wireless connections at the same time

5GHz — Router — 2.4GHz
5GHz — EW-7238RPD Wi-Fi Extender — 2.4GHz
Tablet
EW-7733UnD Dual-Band USB Adapter
Smartphone
IC-3110W Network Camera

Works With Any Wireless Router

Universal compatibility and easy web-based iQ Setup for quick and easy installation

Compact, Slim Wall Plug Design

Plugs directly into an existing electrical socket – no need for an additional power cable

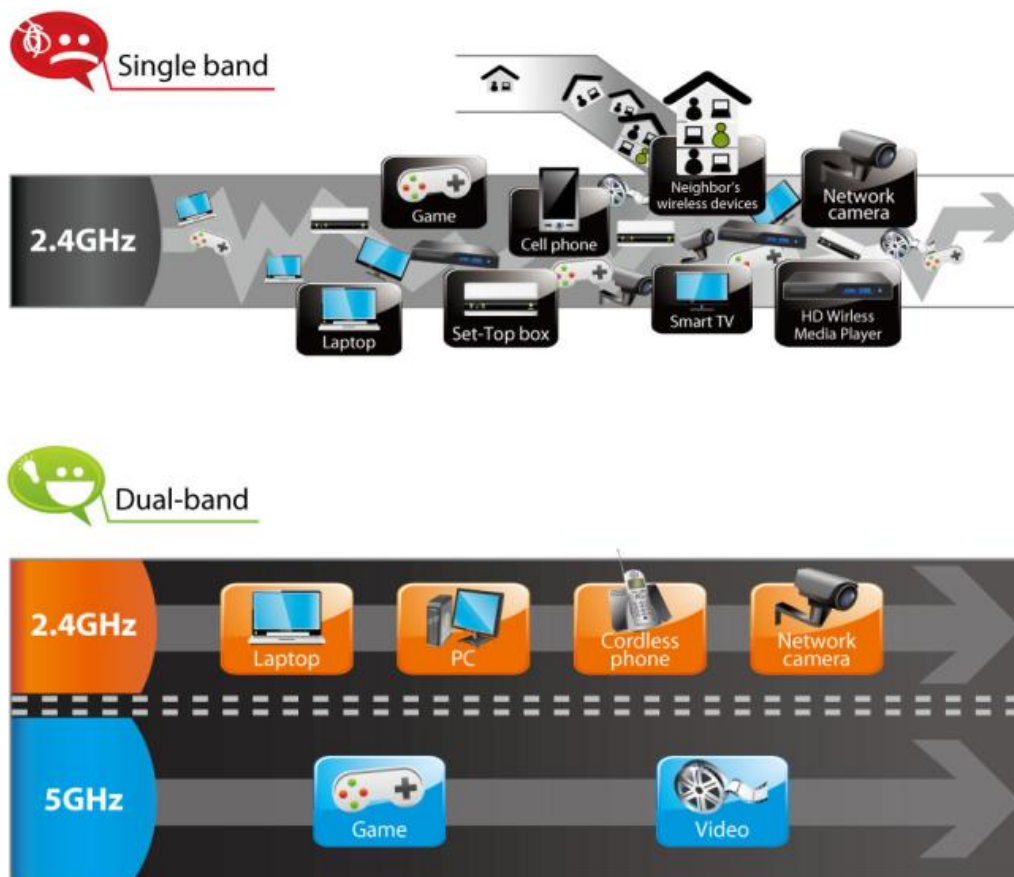# N300+ Concurrent Dual-Band Universal Wi-Fi Extender

EW-7238RPD

Features:

Simultaneous Dual-Band 11n Speed

Complies with wireless IEEE 802.11a/b/g/n standards, providing concurrent dual-band wireless speeds up to 300Mbps (2.4GHz + 5GHz)

Extend your 5Ghz Wi-Fi Coverage for Continuous, Stable Video Streaming for your Mobile Device

When many Wi-Fi devices are operating under the same wireless channel including your neighbor's 2.4GHz Wi-Fi, each device will be queued, which will affect and interfere with your wireless speed so videos will lag. The 5GHz frequency band is significantly less crowded than 2.4GHz, meaning less interference, less lag and more stable, robust Wi-Fi. The EW-7238RPD can extend your existing 5GHz network to dead zones and let your dual-band smartphone or tablet such as iPad, iPhone 5, Samsung Galaxy S Series smartphones, RIM Blackberry Playbooks or Motorola Xooms to name a few, enjoy stable video streaming. Enjoy fast network speeds for streaming intensive media such as HD video or music, for entertainment or gaming.

N300+ Concurrent Dual-Band Universal Wi-Fi Extender

EW-7238RPD

Universal Compatibility

The Edimax EW-7238RPD is compatible with all single or dual-band routers and access points – so you can use an EW-7238RPD to extend the coverage of any network, without worrying about compatibility.

Quick and Easy Installation

A WPS (Wi-Fi Protected Setup) button allows the EW-7238RPD to join an existing wireless networking at the simple push of a button.

iQ Setup

Featuring iQ Setup – Edimax's intelligent, automated setup wizard. iQ Setup automatically detects available Wi-Fi networks and helps you establish a connection and extend your Wi-Fi in just a few seconds.

WPA/WPA2 Advanced Wireless Encryption

Supports WEP 64/128 bit, WPA and WPA2 standards of wireless encryption.

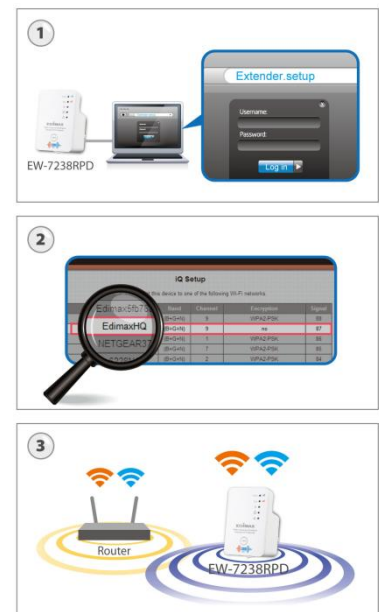## Signal Strength LED Indicator

Designed with a signal strength LED, which helps you find the best setup location for optimal Wi-Fi coverage.

Green and Energy-Saving

Features a convenient power switch, enabling you to switch off the EW-7238RPD when it's not in use. Similarly, LED's can be disabled from the extender's web control panel, saving power or avoiding light disturbances at night. This device also includes IEEE802.3az Energy Efficient Ethernet (EEE) which regulates the amount of power supplied to an Ethernet data link based on its usage – further reducing power consumption.

Compact, Wall Plug Design

The compact, low-profile design fits perfectly into existing electrical sockets and also features a built-in power adapter, meaning there is no need for an additional power cable. You can install the EW-7238RPD wherever you need and enjoy high performance Wi-Fi without any hassle.

Quick and Easy Installation

iQ Setup

N300+ Concurrent Dual-Band Universal Wi-Fi Extender

EW-7238RPD

Product Specifications

Frequency Band
• 2.4GHz
• 5GHz

Wireless Standards and Data Rates
• IEEE 802.11n (up to 150Mbps)
• IEEE 802.11a (up to 54Mbps)
• IEEE 802.11g (up to 54Mbps)
• IEEE 802.11b (up to 11Mbps)

Hardware Interface
• 1 x 10/100Mbps Ethernet LAN port
• WPS button
• Power switch
• LEDs: Signal strength, power, WPS, LAN

Management
• 12-language user interface
• Upgradable firmware

Security
• 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
• 802.1x authentication
• WPS (Wi-Fi Protected Setup)
• User Access Control

System Requirements
• Existing wireless home network (2.4GHz or 5GHz)
• Computer with Ethernet port and web browser (Internet Explorer 7 or above, or latest version of Google Chrome, Firefox or Safari)

Package Contents
• EW-7238RPD Wi-Fi extender
• Quick installation guide
• CD with multi-language QIG and user manual
• RJ45 Ethernet cable
• Access key card

Installation
• Multi-language iQ Setup (browser interface)
• Hardware WPS button

Humidity & Temperature
• 10-90% (Non-condensing)
• 0-45°C

Power Adapter
• Built-in AC100-240V, 0.16A 50-60Hz power module

Antenna
• 2 x high performance internal antennas

Dimensions
• 76 (H) x 47 (W) x 41 (L) mm

Weight
• 90g (0.2lb)

Certifications
•CE, FCC

DIAGRAM

⚡ 5 GHz Wireless
📶 2.4 GHz Wireless
◯ Extender Coverage
◯ Router Coverage

5GHz Wi-Fi for video and gaming

2.4GHz Wi-Fi for data transfer