



WRE-8011E Version: 1

## AC1200 Dual Band Wireless Range Extender, EU Power Plug

The LevelOne WRE-8011E is a versatile, easily deployed 802.11ac/n dual band Wi-Fi range extender that offers excellent throughput speed of up to 1200Mbps across both 2.4 and 5GHz bandwidths combined, as well as high security. Perfect for expanding WLAN at home or in the office, the unit is designed for mounting to a wall, making WRE-8011E a good option for extending the range of the WLAN in a convenient and low profile deployment.

### Key Features

- Share your wireless network up to 1200Mbps
- For IEEE 802.11a/b/g/n/ac Wireless applications in 2.4/5 GHz frequency range
- Provides stable signals and extends coverage
- Simple wireless connectivity and security with WPS push button
- Wireless security with WPA/WPA2 and 64/128-bit WEP encryption

### Specifications

#### System Specifications

##### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

IEEE 802.11e Wi-Fi Multimedia (WMM)

IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11AC Wireless Networking

##### Connectors and Cabling:

1x 10/100Mbps Base-TX

##### Button/Knob:

WPS Button

Reset Button

##### Indicator:

Power, Wifi signal, WPS, LAN,

##### Power Input:

110-220VAC

#### Wireless

**Operating Mode:**

Repeater Mode, Bridge, AP

**Encryption:**

WEP 64/128-bit Web share key encryption WPA,WPA2,802.1x  
WPA, WPA2-PSK TKIP/AES encryption, WPA-PSK802.1x

**Receive Sensitivity(dBm):**

2.4GHz:

802.11n (20MHZ\_MSC0): Range?-85? dBm

802.11n (40MHZ\_MCS0): Range (-82) dBm

802.11g 6Mbps: Range (-85) dBm

802.11g 54Mbps: Range (-68) dBm

802.11b 1Mbps: Range (-83) dBm

802.11b 11Mbps: Range (-76) dBm

5 GHz:

802.11a 6Mbps: Range (-85) dBm

802.11a 54Mbps: Range (-65) dBm

802.11n (20MHZ\_MCS0): Range (-82) dBm

802.11n (40MHZ\_MCS0): Range (-79) dBm

802.11ac (20MHZ\_MCS0): Range (-82) dBm

802.11ac (40MHZ\_MCS0): Range (-79) dBm

802.11ac (80MHZ\_MCS0): Range (-76) dBm

**Channel:**

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU

Ch.36~48

Ch. 52~ 165

**EIRP(dBm):**

(Controllable for different country regulations)

802.11ac: up to 15dBm  $\pm$  1dBm

802.11n: up to 17dBm  $\pm$  1dBm

802.11g: up to 20dBm  $\pm$  1dBm

802.11b: up to 20dBm  $\pm$  1dBm

**Antenna:**

2.4GHz : 2 x 3dBi Internal Antenna

5GHz: 2 x 4dBi Internal Antenna

**Frequency Band (GHz):**

2.4 ~ 2.4835 GHz

5.15 ~ 5.25 GHz

5.25 ~ 5.825 GHz

**Data Transfer Rate:**

802.11ac : 866Mbps

802.11n: 300 Mbps

802.11g: 54 Mbps

802.11b: 11 Mbps

**Features****General:**

VPN: PPTP, IPSec, L2TP Passthrough

**Management:**

Web-Based GUI Configuration

**QoS:**

IEEE 802.11e Wi-Fi Multimedia (WMM)

### Ease of Use:

Web-based GUI with Quick Installation Wizard

Web-based (HTTP) firmware upgrade

## Performance

Number of Clients:

20

## Environment

Temperature (°C):

Storage: -20 – 70°C

Operating: 0 – 40°C

Humidity (Non-condensing):

Storage: 20 ~ 95%

Operating: 20 ~ 90%

## Physical Specifications

Dimensions (W x D x H mm):

105 x 62 x 78 mm

Weight (g):

0.11kg

## Approval and Compliance

EMI/EMS:

CE

## Diagram



## Order Information

WRE-8011E

## Package Contents

WRE-8011E

Quick Installation Guide

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