



WUA-1810A Version: 1



## AC1200 Dual Band Wireless USB Network Adapter

The LevelOne WUA-1810 is a dual-band wireless USB network adapter, compliant with the latest wireless technology IEEE 802.11ac standard. The adapter can simultaneously search for both 2.4 GHz and 5 GHz band networks, producing a transmission rate of up to 300Mbps on the 2.4 GHz frequency band, and 867Mbps on the 5 GHz band, with no radio interference and a faster, more stable wireless transmission. Compatible with mainstream Windows, Linux and Mac operating systems, WUA-1810 is very suitable for high-definition home entertainment networking, small business users, and sophisticated, high-demand wireless networking where speed and reliability are of optimum importance.

### Key Features

- Provides wireless speed up to 300Mbps (2.4GHz) / 867Mbps (5GHz)
- Dual band technology reduces interference for reliable connections
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Simple wireless connectivity and security with WPS push button
- AP/Client operation modes to suite different wireless applications
- Provides 5dBi detachable antenna
- Comes with a USB cradle to allow flexible placement for optimal wireless signal

### Specifications

#### System Specifications

##### Standards & Protocols:

IEEE 802.11a  
IEEE 802.11b  
IEEE 802.11g  
IEEE 802.11n  
IEEE 802.11ac

##### Connectors and Cabling:

USB Cable

##### Button/Knob:

WPS button

##### Optical Receive Sensitivity:

11n:-68dBm@130M? -68dBm@108M  
11g:-69dBm@54M  
11b:-85dBm@11M  
11ac:-59dBm@867M

#### Power Input:

5V/500mA

#### Data Transfer Rate:

IEEE 802.11b:1,2,5.5,11Mbps

IEEE 802.11g:6,9,12,18,24,36,48,54Mbps

IEEE 802.11n:Up to 300Mbps

IEEE 802.11ac:UP to 867Mbps

### Wireless

#### Receive Sensitivity(dBm):

11n:-68dBm@130M?-68dBm@108M

11g:-69dBm@54M

11b:-85dBm@11M

11ac:-59dBm@867M

#### Channel:

1-11 CH (WUA-1810A)

1-13 CH (WUA-1810E)

#### EIRP(dBm):

18dbi

#### Antenna:

2 \* 5dBi detachable antenna

#### Frequency Band:

2.4GHz & 5.0GHz

#### Modulation:

DSSS, OFDM

### Features

#### General:

300Mbps@2.4GHz

867Mbps@5.8GHz

### Performance

#### Operating Distance:

100m

### Environment

#### Temperature (°C):

0~40°C

#### Humidity (Non-condensing):

10%~90%

### Physical Specifications

#### Dimensions (W x D x H mm):

64×25.5×8.4 mm

#### Weight (g):

100g

### Others

## Operation Systems:

Windows 2000/XP/Vista/7/8/10

Mac OS

Linux

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## Order Information

WUA-1810A: 1-11 Channel

WUA-1810E: 1-13 Channel

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## Package Contents

WUA-1810A

Quick Installation Guide

Antenna (x2)

USB 3.0 Extension Stand

Resource CD (User Manual, QIG, Driver)