

BR-6428nS V5

Quick Installation Guide

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Edimax Technology Co., Ltd.

No. 278, Xinhua 1st Rd., Neihu Dist., Taipei City, Taiwan

Email: support@edimax.com.tw

Edimax Technology Europe B.V.

Fijenhof 2, 5652 AE Eindhoven, The Netherlands

Email: support@edimax.nl

Edimax Computer Company

530 Technology Drive Suite 100, Irvine, CA 92618, USA

Email: support@edimax.us

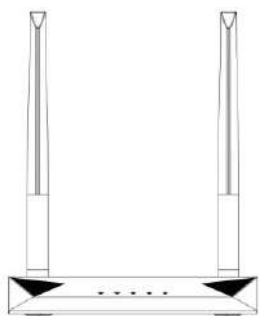
SAFETY INSTRUCTIONS

The following general safety guidelines are provided to help ensure your own personal safety and protect your product from potential damage. Remember to consult the product user instructions for more details.

- This product is designed for indoor use only.
- Static electricity can be harmful to electronic components. Discharge static electricity from your body (i.e. touching grounded bare metal) before touching the product.
- The device contains no user serviceable parts. Do not attempt to service the product and never disassemble the product.
- Do not spill food or liquid on your product and never push any objects into the openings of your product.
- Do not use this product near water, areas with high humidity, or condensation.
- Keep the product away from radiators and other heat sources.
- This device is not designed to be operated by children.
- Always unplug the product from mains power before cleaning and use a dry lint free cloth only.

Package Contents

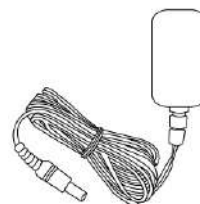
Before you start using this product, please check if there is anything missing in the package, and contact your dealer to claim the missing item(s):



***BR-6428nS V5
(5dBi Antenna x 2)***



CD-ROM



Power Adapter



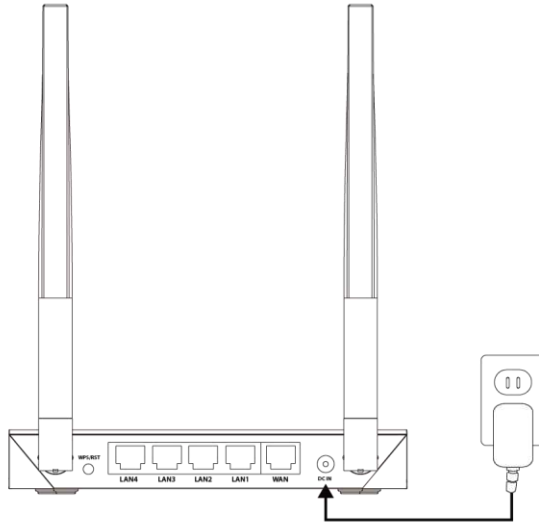
Ethernet Cable



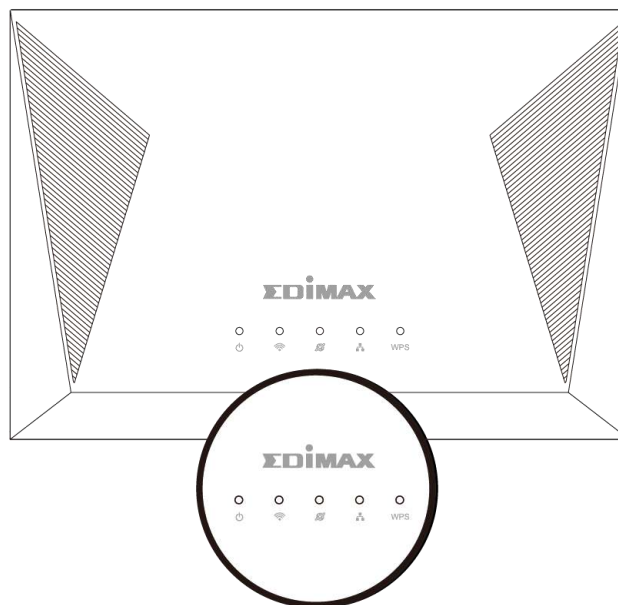
Quick Installation Guide

Installation

1. Plug the included power adapter into the device's 5V DC power port and the other end into an electrical socket.



2. Ensure that the power LED is lit. If not, the device is not properly connected.



3. Use a Wi-Fi device (e.g. computer, tablet, smartphone) to search for a Wi-Fi network with the SSID "edimax_2.4G_xx" and connect to it.



iOS 4 or Android 4 and above are required for setup on a smartphone or tablet.

4. Open a web browser and if you do not automatically arrive at the log in screen shown below, enter the URL ***http://192.168.2.1*** and begin the setup process.

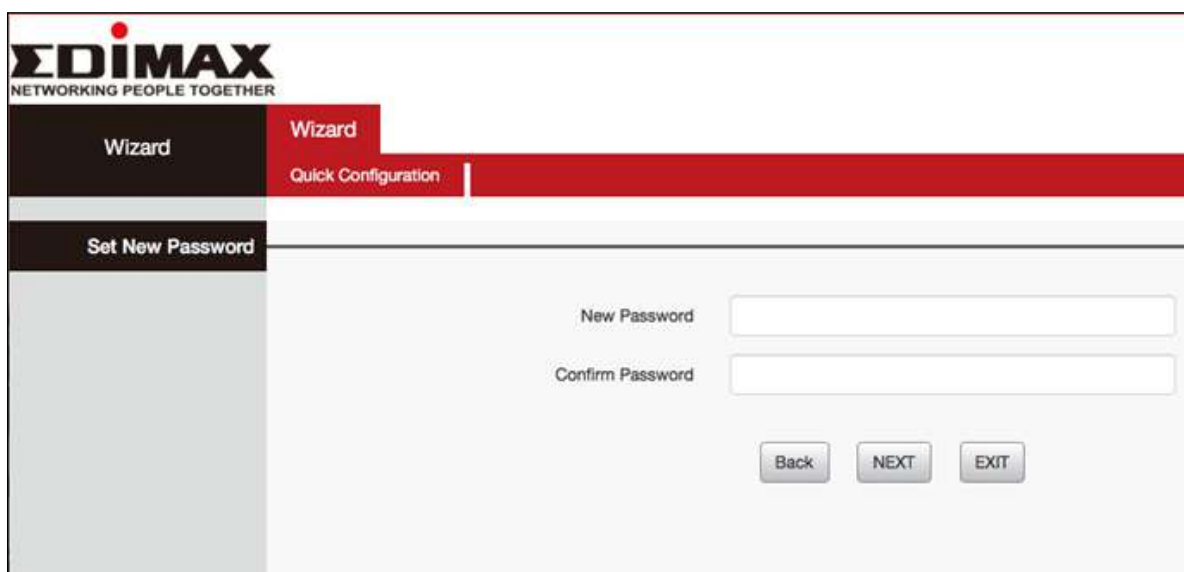
The image shows a login screen for EDIMAX. At the top left is the EDIMAX logo with the tagline "NETWORKING PEOPLE TOGETHER". At the top right is a "Language:" dropdown menu set to "English". In the center, there are two input fields: "User Name:" with the text "admin" and "Password:". Below these fields are two blue buttons: "OK" and "Cancel".

You will be prompted for a username and password. The default username is “**admin**” and the default password is “**1234**”.



If you cannot access <http://192.168.2.1>, please make sure your computer is set to use a dynamic IP address. This is a simple procedure and step-by-step instructions can be found in the user manual.

5. Enter new password, confirmed and click “NEXT” to continue.

The image shows the EDIMAX "Set New Password" screen. At the top left is the EDIMAX logo. Below it is a navigation bar with "Wizard" and "Quick Configuration" (highlighted in red). The main content area has two input fields: "New Password" and "Confirm Password". At the bottom right are three buttons: "Back", "NEXT", and "EXIT".

6. Select a mode for your BR-6428nS V5 and click “Next” to continue.

The screenshot shows the EDIMAX web interface. At the top, the logo 'EDIMAX' is displayed with the tagline 'NETWORKING PEOPLE TOGETHER'. Below the logo is a navigation bar with tabs: 'Wizard', 'Status', 'Network', 'Wireless', 'Advanced', 'QoS', and 'Tools'. The 'Wizard' tab is active, and within it, the 'Quick Configuration' sub-tab is selected. The main content area displays the text 'Please select operation mode for Router:' followed by four radio button options: 'Router' (selected), 'WISP', 'Universal Repeater', and 'AP'. Each option has a brief description. At the bottom right, there are 'Back' and 'NEXT' buttons.

EDIMAX
NETWORKING PEOPLE TOGETHER

Wizard Status Network Wireless Advanced QoS Tools

Quick Configuration

Quick Configuration

Please select operation mode for Router:

- ☒ **Router** Wired connect to ADSL/Cable Modem via WAN port and share Internet to local wireless and wired network.
- ☐ **WISP** Wirelessly connect to ISP station/hotspot to share Internet to local wireless and wired network.
- ☐ **Universal Repeater** Extend your existing wireless coverage by relaying wireless signal.
- ☐ **AP** Transform your existing wired network to a wireless network.

Back NEXT

Wi-Fi Router	<i>The device connects to your modem and enables Internet (wireless and Ethernet) access on your network devices.</i>
WISP Mode	<i>The device connects wirelessly to your Wireless Internet Service Provider and provides 2.4GHz and/or 5GHz Internet (wireless and Ethernet) access for your network devices.</i>
Universal Repeater	<i>The device will act as a wireless repeater, which will help you to extend your Wi-Fi network. The device acts as a client and AP at the same time. It uses its client function to connect to a root AP, and uses its AP function to service wireless clients within its coverage.</i>
Access Point	<i>The device connects to an existing router via Ethernet cable and provides Internet (wireless and Ethernet) access for your network devices.</i>

7. Follow the on-screen instructions to complete setup. For more information, please refer to the user manual.

Troubleshooting

1. The System LED does not light up.

- a. Make sure that the Router Adapter is properly plugged into a power outlet.
- b. Make sure the power outlet is active (working) by plugging another electric device into it.
- c. Re-plug the Router Adapter to the power outlet. If the system LED is still failed to light up, contact your local dealer for technical support.

2. The WAN LED does not light up.

- a. Make sure that the Ethernet cable (RJ-45) is properly connected to the Router Adapter's Ethernet port.
- b. Make sure that the other end of the Ethernet cable (RJ-45) is properly connected to the computer LAN card or to your Cable/xDSL Ethernet port.
- c. Make sure your computer LAN card is properly installed and configured.
- d. Make sure your Cable/xDSL broadband access is working and configured correctly.
- e. Contact your local dealer for technical support if the Ethernet LED is still failed to light up after the above procedures.

3. I can't access the Internet.

- a. Ensure that all cables are connected properly. Try a different Ethernet cable.
- b. Check if you can access the web based configuration interface. If not, please ensure your computer is set to use a dynamic IP address. Refer to the user manual for guidance if you are unsure how to do this.
- c. Login to the web based configuration interface and go to **Internet > WAN Setup** and check that the connection type is correct. If you are unsure which internet connection type you have, please contact your Internet Service Provider (ISP).
- d. Connect your computer directly to your modem and check if you can access the internet. If you can't, please contact your Internet service provider for assistance.

4. I can't open the web based configuration interface.

- a. Please ensure your computer is set to use a dynamic IP address. Refer to the user manual for guidance if you are unsure how to do this.

5. How do I reset my device to factory default settings?

- a. To reset the device back to its factory default settings, press and hold the WPS/Reset button for over 10 seconds, until the power LED begins to flash. Please wait a few minutes for the product to restart. When the device restarts, all settings will be reset. Default settings are displayed on the product label on the back of the device.

6. I forgot my password.

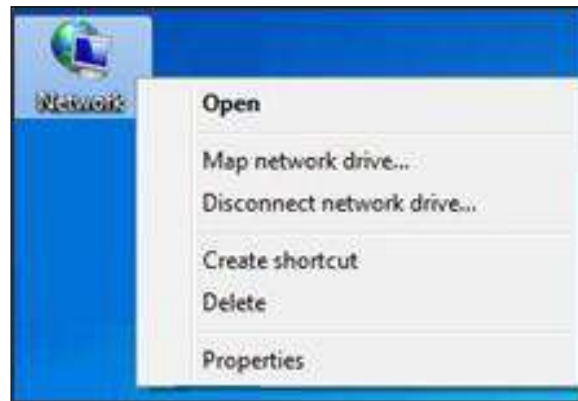
- a. Reset the router to its factory default settings and use the default username **admin** and default password **1234**. Default settings are displayed on the product label on the back of the device, as shown above.

7. Remove Wireless Network from Your PC.

If you change wireless settings on your wireless device, you must remove them accordingly from your PC; otherwise, you may not be able to wirelessly connect to this device. Below describes how to remove a wireless network from your PC.

Windows 7

Step 1: Right-click the **Network** icon and select **Properties**.



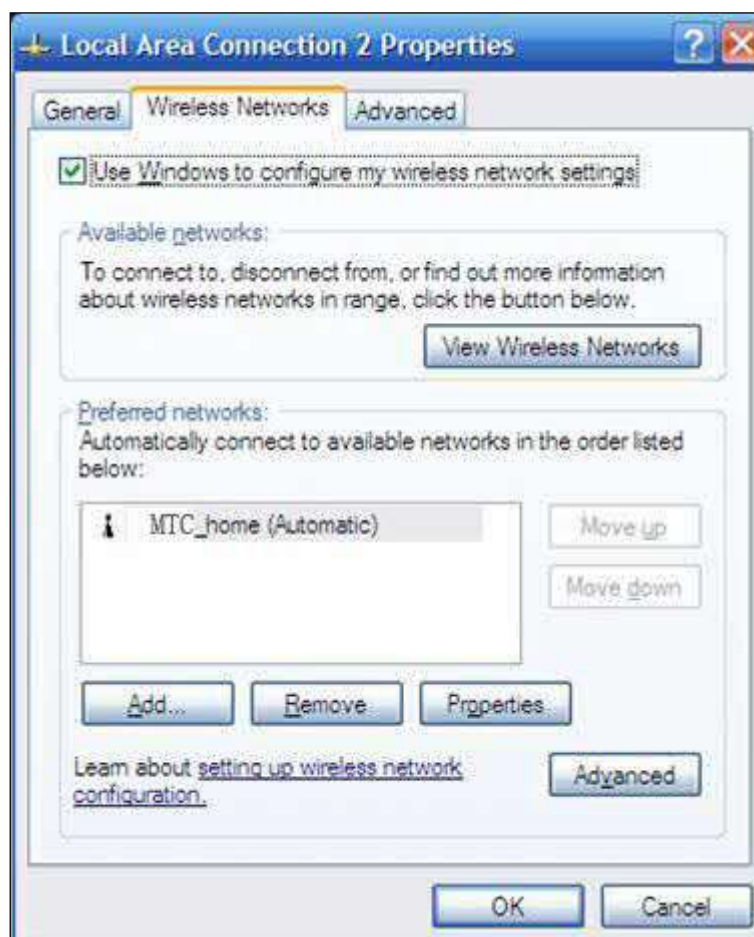
Step 2: Select **Manage Wireless Networks**.



Step 3: Select the **wireless network** and click **Remove network**.



Step 4: Right click **Wireless Network Connection** and then select **Properties**.

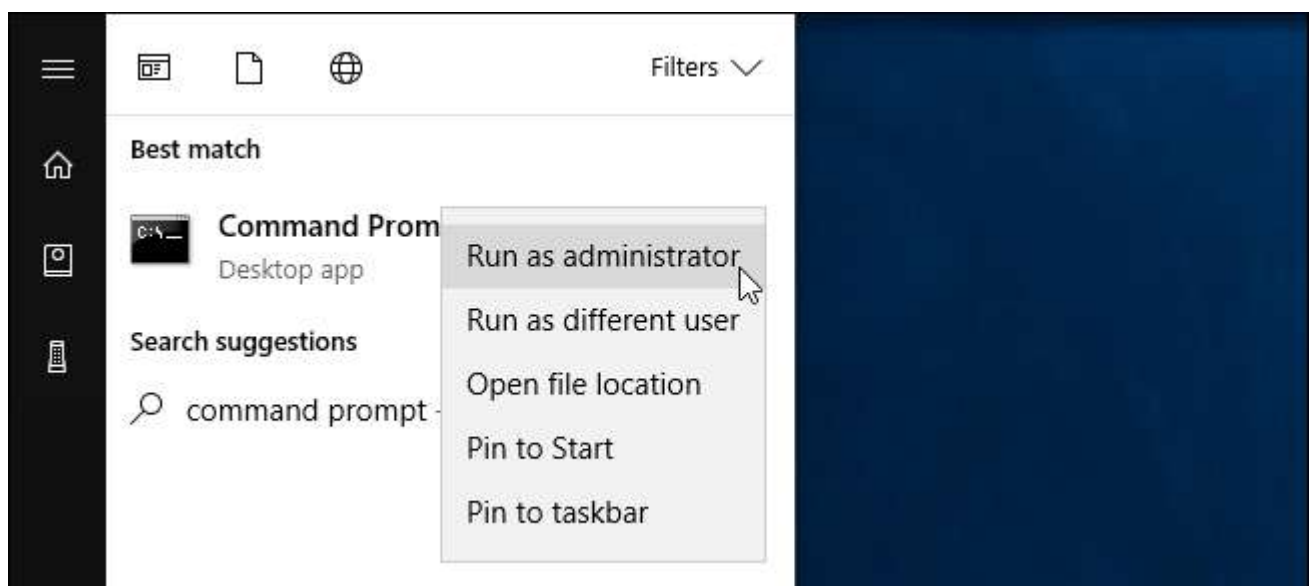


Step 5: Click **Wireless Networks**, select the wireless network name under **Preferred networks** and then click the **Remove** button.



Windows 8

Step 1: Open the **Start menu**, search for **Command Prompt**, right-click the Command Prompt shortcut and select **"Run as Administrator"**.



Step 2: Type the following command **"netsh wlan show profiles "** and press **Enter** to show a list of your saved Wi-Fi networks:

Step 3. Locate the profile name of the network you want to remove. Type the following command "**netsh wlan delete profile name="PROFILE NAME"**"

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>netsh wlan show profiles

Profiles on interface Wi-Fi:

Group policy profiles (read only)
-----
    <None>

User profiles
-----
    All User Profile      : Squawk Net - 5GHz
    All User Profile      : HOME-D12F
    All User Profile      : Asus-N16
    All User Profile      : TELUS2410
    All User Profile      : SHAW-1C4A60
    All User Profile      : BTHub5-HZXC
    All User Profile      : BTWifi-with-FON
    All User Profile      : BTWifi
    All User Profile      : BTWifi-with-FON
```

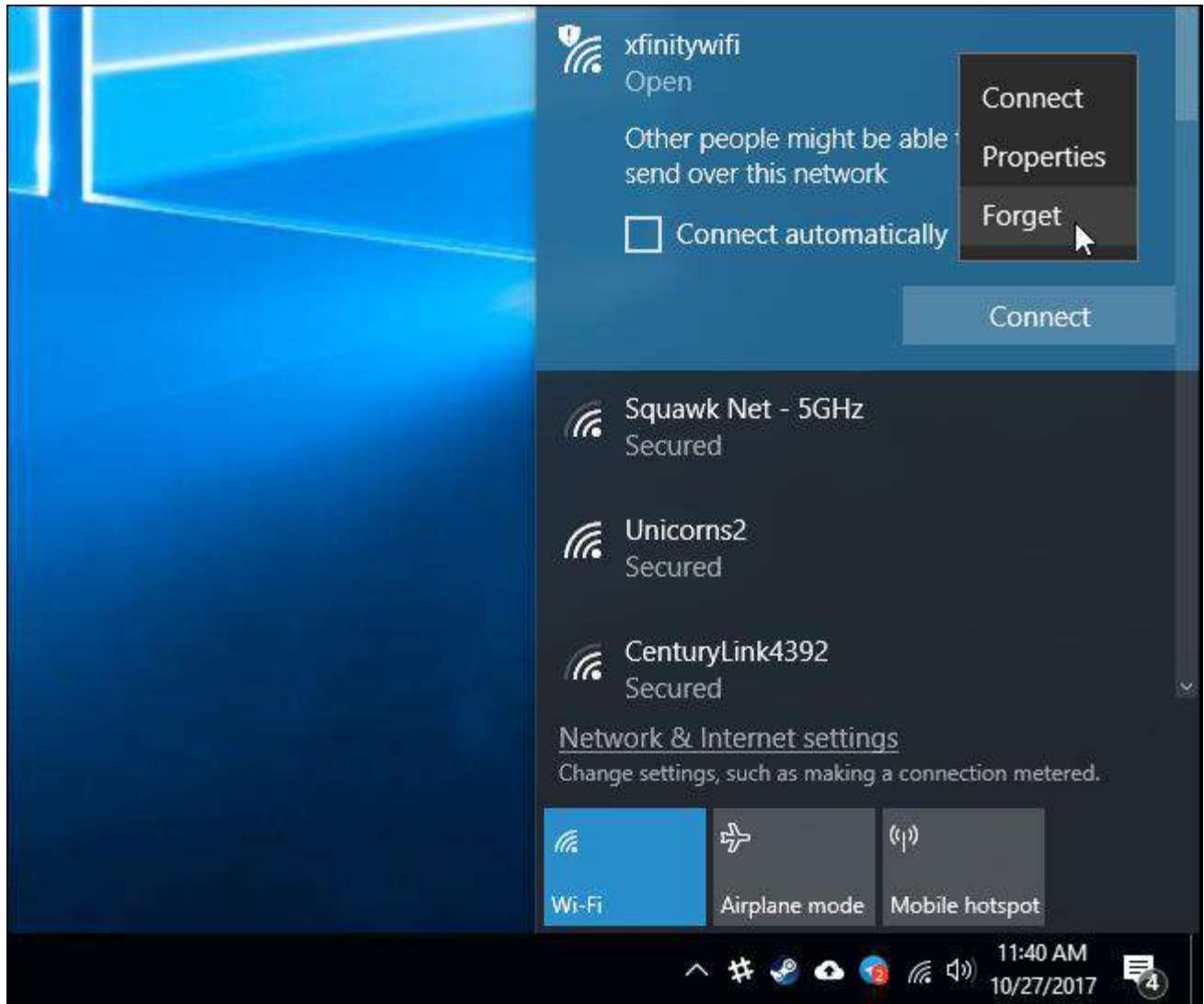
replacing "**PROFILE NAME**" with the name of the network you want to remove.

```
C:\WINDOWS\system32>netsh wlan delete profile name="BTWifi"
Profile "BTWifi" is deleted from interface "Wi-Fi".

C:\WINDOWS\system32>
```

Windows 10

Step 1: Open the Wi-Fi popup from your system tray. Right-click or long-press the name of the network you want to remove and select “Forget”.



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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.

RED Compliance Statement

Compliance with 2014/53/EU Radio Equipment Directive (RED)

In accordance with Article 10.8(a) and 10.8(b) of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the EU:

Frequency range (MHz)	Max. Transmit Power (dBm)
2412-2472	19.39 dBm

A simplified DoC shall be provided as follows: Article 10(9)

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **300M Wireless Router** is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet address: <http://www.edimax.com/edimax/global/>

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 2014/53/EU, 2014/35/EU.
- Français:** Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/53/EU, 2014/35/EU.
- Čeština:** Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2014/53/EU, 2014/35/EU.
- Polski:** Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/53/EU, 2014/35/EU.
- Română:** Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/UE, 2014/35/UE.
- Русский:** Это оборудование соответствует основным требованиям и положениям Директивы 2014/53/EU, 2014/35/EU.
- Magyar:** Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (2014/53/EU, 2014/35/EU).
- Türkçe:** Bu cihaz 2014/53/EU, 2014/35/EU direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.
- Українська:** Обладнання відповідає вимогам і умовам директиви 2014/53/EU, 2014/35/EU.
- Slovenčina:** Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/53/EU, 2014/35/EU.
- Deutsch:** Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/53/EU, 2014/35/EU.
- Español:** El presente equipo cumple los requisitos esenciales de la Directiva 2014/53/EU, 2014/35/EU.
- Italiano:** Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/53/EU, 2014/35/UE.
- Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/53/EU, 2014/35/EU.
- Português:** Este equipamento cumpre os requisitos essenciais da Directiva 2014/53/EU, 2014/35/EU.
- Norsk:** Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/53/EU, 2014/35/EU.
- Svenska:** Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/53/EU, 2014/35/EU.
- Dansk:** Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2014/53/EU, 2014/35/EU.
- suomen kieli:** Tämä laite täyttää direktiivien 2014/53/EU, 2014/35/EU. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.



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 Radio Equipment directives.

Equipment: 300M wireless router

Model No.: BR-6428nS V5

The following European standards for essential requirements have been followed:

Directives 2014/53/EU

Spectrum	:	ETSI EN 300 328 V2.2.2 (2019-07)
EMC	:	ETSI EN 301 489-1 V2.2.3 (2019-11) Draft ETSI EN 301 489-17 V3.2.2 (2019-12)
EMF	:	EN 50665:2017
Safety (LVD)	:	IEC 62368-1:2014 (2nd Edition) EN 62368-1:2014+A11:2017

The product carries the CE Mark:



Date & Place of Issue: 31/December/2018, Eindhoven

Signature:

A handwritten signature in black ink, appearing to read 'David Huang'.

David Huang

Managing Director

Edimax Technology Europe B.V.

Fijenhof 2,

5652 AE Eindhoven,

The Netherlands

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- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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