

BR-6478AC V3

Installationsanleitung

12-2018 / v1.0

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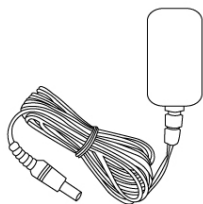
Email: support@edimax.com

Verpackungsinhalt

Bevor Sie dieses Produkt benutzen, überprüfen Sie bitte, ob irgendetwas in der Verpackung fehlt, und wenden Sie sich an Ihren Händler, um fehlende Teile zu melden.



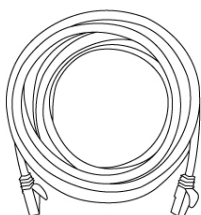
BR-6478AC V3



Netzadapter



CD-ROM



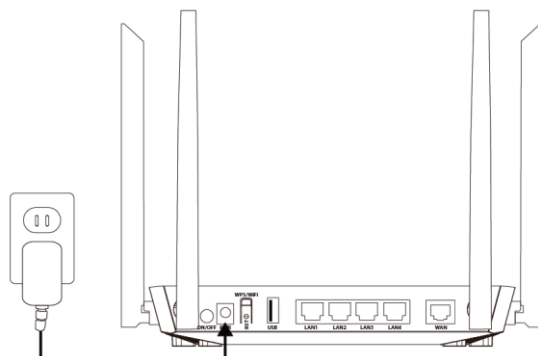
Ethernetkabel



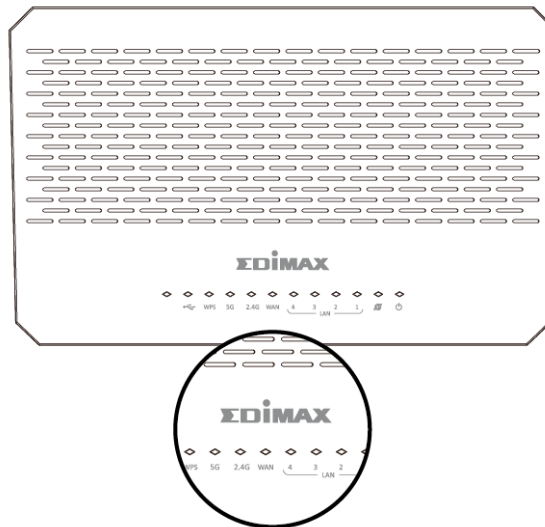
Schnellinstallationsanleitung





Einleitung

1. Stecken Sie das Netzteil in den DC-Anschluss des Geräts und das andere Ende in eine Steckdose.



- 2.** Stecken Sie das Ethernetkabel in den WAN-Anschluss des Geräts und das andere Ende in ein Modem. Stellen Sie sicher, dass die fünf LEDs (Strom, Internet, 2,4 GHz, 5 GHz WLAN und USB) leuchten.



LED	Farbe	LED-Status	Beschreibung
Power (Netz) 	Grün	An	Das Gerät ist an.
		Aus	Das Gerät ist aus.
Internet 	Grün	An	Internetverbindung ist bereit.
		Blinkend	Werksstandardeinstellung wird wiederhergestellt, oder Ethernetkabel nicht angeschlossen, oder keine
2,4G WLAN 	Grün	An	Drahtlosaktivität im 2,4GHz-WLAN. (Daten werden gesendet/empfangen.)
		Blinkend	2,4GHz WPS ist aktiv.
		Aus	2,4GHz WLAN ist nicht aktiv.
5G WLAN 	Grün	An	Drahtlosaktivität im 5GHz-WLAN. (Daten werden gesendet/empfangen.)
		Blinkend	5GHz WPS ist aktiv.
		Aus	5GHz WLAN ist nicht aktiv.
USB	Grün	An	USB-Verbindung ist bereit.
		Blinkend	Ein neues USB-Gerät wird identifiziert.
		Aus	USB ist nicht aktiv.
WPS	Grün	An	Verhandlung durch Wi-Fi Protected Setup wird aufgebaut.
		Aus	WPS ist deaktiviert oder verbunden.
LAN 1-4	Grün	An	Ethernetanschluss ist mit einem Netzwerkgerät verbunden.
		Aus	Ethernetanschluss ist nicht mit einem Netzwerkgerät



Wenn die Leuchte ungewöhnliche Aktivitäten anzeigt, überprüfen Sie bitte die Verbindung.

Installation

Benutzen Sie ein WLAN-Gerät (z.B. Computer, Tablet, Smartphone), um nach einem WLAN-Netzwerk mit dem Namen „edimax_2.4G_xx“ oder „edimax_5G_xx“ zu suchen und sich damit zu verbinden.

Nach dem Setup haben Sie Zugriff auf die browserbasierte Konfigurationsschnittstelle oder Sie können die Einstellungen des BR-6478AC V3 ändern. Um auf die browserbasierte Konfigurationsschnittstelle zuzugreifen, geben Sie **http:// 192.168.2.1** in die URL-Zeile eines Webbrowsers an einem Netzwerkgerät ein, das mit dem BR-6478AC V3 verbunden ist.



Falls Sie keinen Zugriff auf 192.168.2.1 haben, schließen Sie den BR-6478AC V3 mit einem Ethernetkabel an einen Computer an und versuchen Sie es erneut.

Sie werden aufgefordert, einen Benutzernamen und ein Passwort einzugeben. Der Standardbenutzername ist „**admin**“ und das Standardpasswort ist „**1234**“.

EDIMAX
NETWORKING PEOPLE TOGETHER

Model Name: BR-6478AC V3 Language: English

Password

Login

Sie kommen auf den unten gezeigten „Home“-Bildschirm. Klicken Sie auf „X“, um den Einrichtungsassistenten aufzurufen.

Home Settings Features Management Logout

Internet BR-6478AC V3 Connected Clients: 1

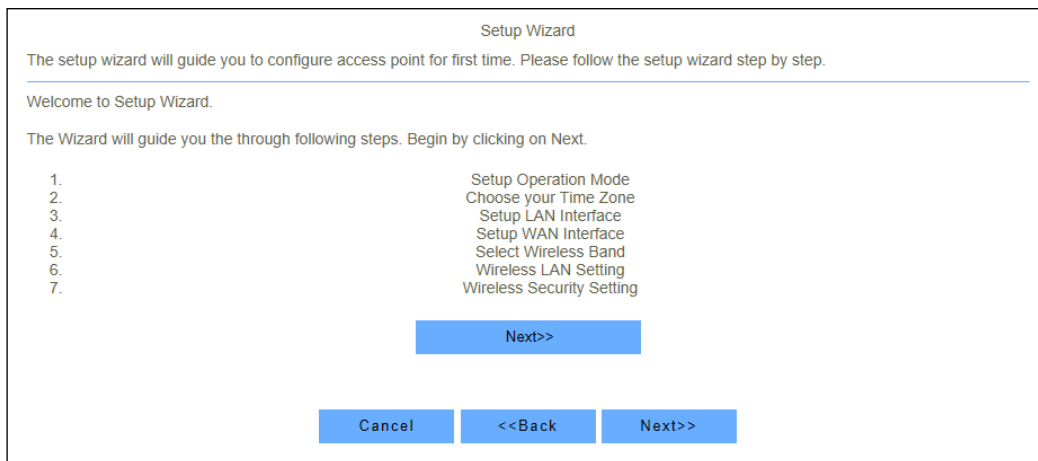
Please click the icon to go to Setup Wizard, which will guide you through basic configuration.

Internet

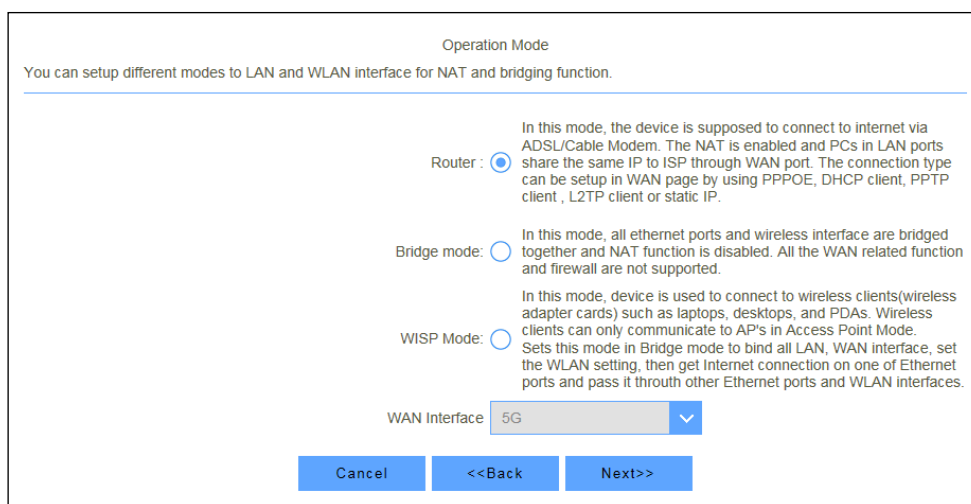
IPv4		IPv6	
MAC Address	Connection Type	Network Status	Connection Uptime
00:e0:4c:19:6d:6f		Disconnected	
IP Address	Default Gateway	Primary DNS Server	Secondary DNS Server
Not Available	Not Available	Not Available	Not Available

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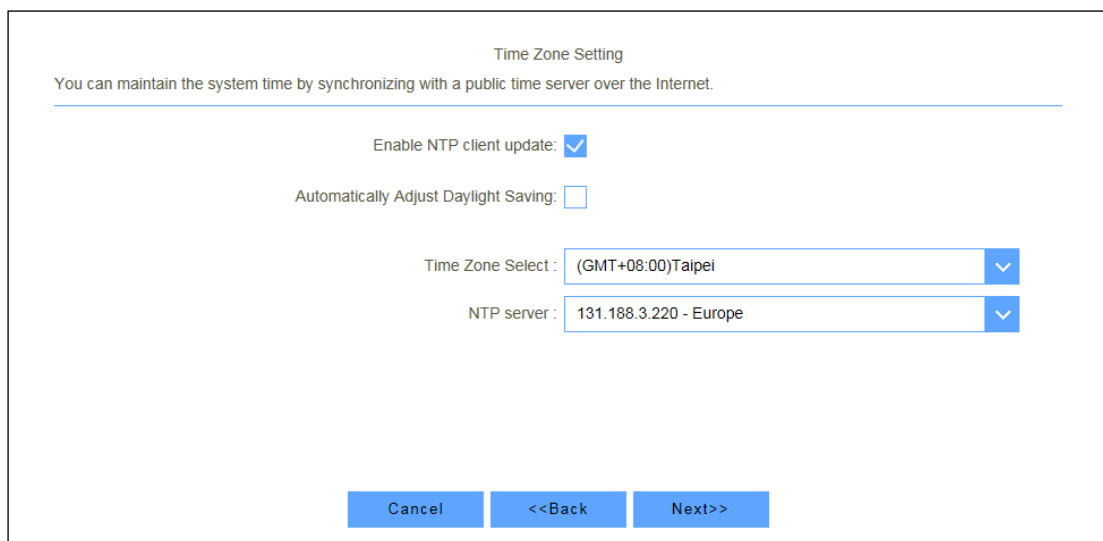
1. Der Bildschirm „Wizard Setup“ (Assistenten-Einrichtung) wird wie folgt angezeigt.



2. Klicken Sie auf **Next** (Weiter), dann können Sie den Betriebsmodus des Routers konfigurieren.



3. Klicken Sie auf **Next** (Weiter), um die Zeitzoneneinstellung zu konfigurieren.



- 4.** Klicken Sie auf **Next** (Weiter), um das Setup der LAN-Schnittstelle zu konfigurieren. Diese Seite wird verwendet, um die **Parameter für das lokale Bereichsnetzwerk zu konfigurieren, die sich mit dem LAN-Port** Ihres Zugriffspunkts verbinden. Hier können Sie die Einstellung für die IP-Adresse, Subnetzmaske, DHCP usw. ändern.

The screenshot shows the 'LAN Interface Setup' page. At the top, it says 'LAN Interface Setup' and provides a brief description: 'This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP address, subnet mask, DHCP, etc.' Below this, there are two input fields: 'IP Address: 192.168.2.1' and 'Subnet Mask: 255.255.255.0'. At the bottom, there are three buttons: 'Cancel', '<<Back', and 'Next>>'.

- 5.** Klicken Sie auf **Next** (Weiter), um das Setup der WAN-Schnittstelle zu konfigurieren. Diese Seite wird verwendet, um die Parameter für Internetnetzwerke zu konfigurieren, die sich mit dem WAN-Port Ihres Zugriffspunkts verbinden. Hier können Sie das Zugriffsverfahren auf statische IP, DHCP, PPPoE ändern, indem Sie auf den Elementwert des WAN-Zugriffstyps klicken.

The screenshot shows the 'WAN Interface Setup' page. At the top, it says 'WAN Interface Setup' and provides a brief description: 'This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE by click the item value of WAN Access type.' Below this, there is a dropdown menu labeled 'WAN Access Type:' with 'DHCP Client' selected. The dropdown menu is open, showing options: 'Static IP', 'DHCP Client', and 'PPPoE'. At the bottom, there are three buttons: 'Cancel', '<<Back', and 'Next>>'.

- 6.** Klicken Sie auf **Next** (Weiter), dann öffnet sich die folgende Seite. Im Allgemeinen können Sie die Standardauswahl verwenden.

The screenshot shows the 'Select Wireless Band' page. At the top, it says 'Select Wireless Band' and provides a brief description: 'You can select Wireless Band'. Below this, there is a dropdown menu labeled 'Wireless Band:' with '2.4G+5G Concurrent' selected. At the bottom, there are three buttons: 'Cancel', '<<Back', and 'Next>>'.

- 7.** Klicken Sie auf **Next** (Weiter) und konfigurieren Sie die Parameter für das drahtlose 5-GHz-Netzwerk.

Wireless 5GHz Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Band: 5 GHz (A+N+AC)

Mode: AP

Network Type: Infrastructure

SSID: edimax_5G_c1

Channel Width: 80MHz

ControlSideband: Lower

Channel Number: Auto

Enable Mac Clone (Single Ethernet Client):

Add to Profile:

- 8.** Klicken Sie auf **Next** (Weiter) und konfigurieren Sie die Sicherheit für das drahtlose 5-GHz-Netzwerk. Der Eintrag sollte aus mindestens 8 Zeichen bestehen.

Wireless 5GHz Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption: WPA Mixed

Pre-Shared Key Format: Passphrase

Pre-Shared Key:

- 9.** Klicken Sie auf **Next** (Weiter) und konfigurieren Sie die Parameter für das drahtlose 2,4-GHz-Netzwerk.

Wireless 2.4GHz Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Band: 2.4 GHz (B+G+N)

Mode: AP

Network Type: Infrastructure

SSID: edimax_2.4G_c1

Channel Width: 40MHz

ControlSideband: Upper

Channel Number: Auto

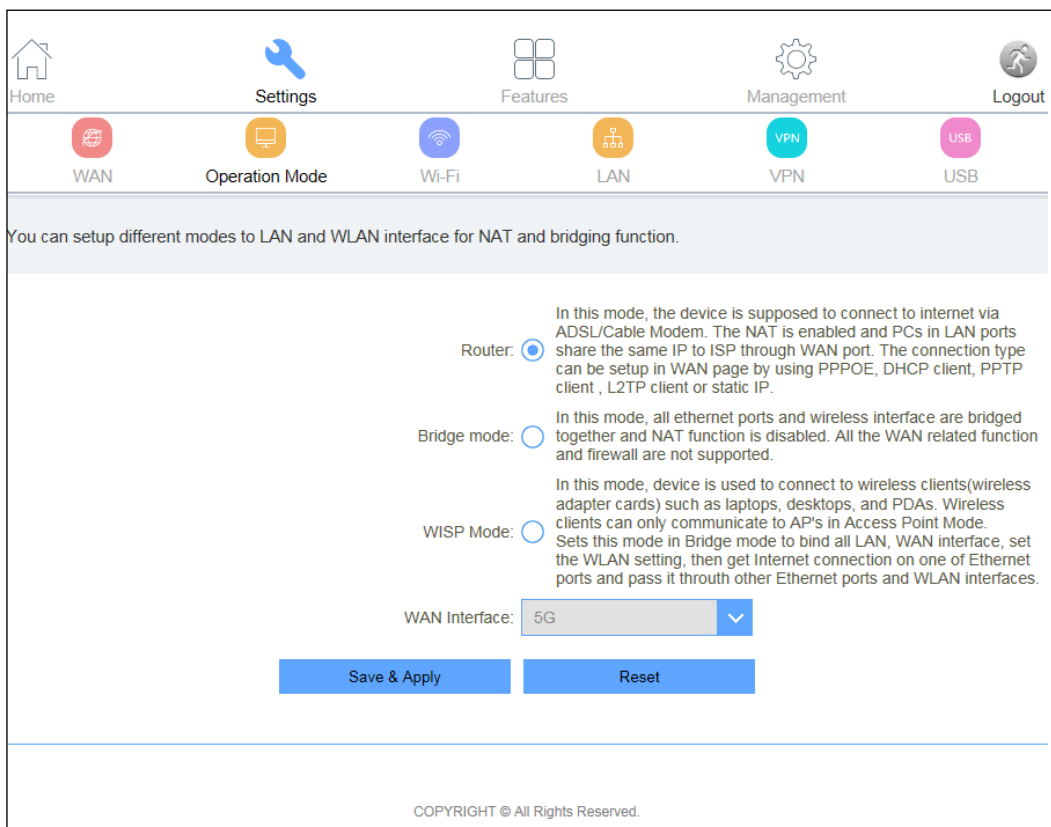
Enable Mac Clone (Single Ethernet Client):

Add to Profile:

- 10.** Klicken Sie auf **Next** (Weiter) und konfigurieren Sie die Sicherheit für das drahtlose 2,4-GHz-Netzwerk. Der Eintrag sollte aus mindestens 8 Zeichen bestehen. Klicken Sie dann auf „Finish“ (Fertigstellen).



Wenn Sie zu einem anderen Betriebsmodus wechseln möchten, navigieren Sie nach Abschluss der Ersteinrichtung im Hauptmenü zu dem Punkt „Settings“ (Einstellungen) und klicken Sie ihn an, um einen der drei Betriebsmodi (Wi-Fi-Router, Access Point und Wi-Fi Bridge) auszuwählen. Weitere Informationen finden Sie im Benutzerhandbuch.



Für das Setup auf einem Smartphone oder Tablet sind iOS 4 oder Android 4 und höher erforderlich.

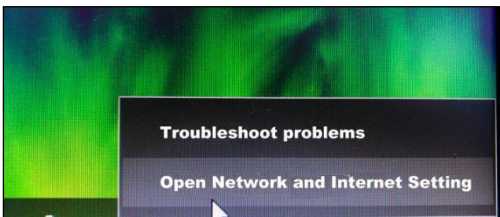
Folgen Sie den Bildschirmanweisungen, um das Setup abzuschließen. Weitere Informationen und Hinweise zum Einrichten des BR-6478AC V3 in anderen Betriebsmodi finden Sie im Benutzerhandbuch.

Fehlersuche

1. Wie richtet man auf dem Computer das TCP/IP-Protokoll im Modus „IP-Adresse automatisch beziehen“ ein?

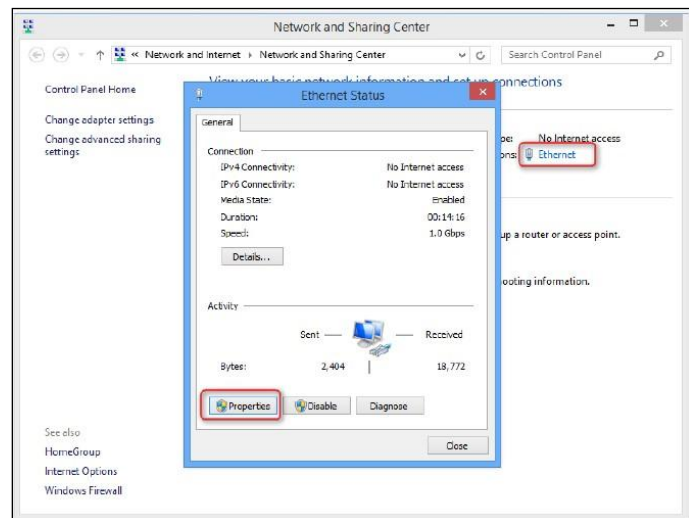
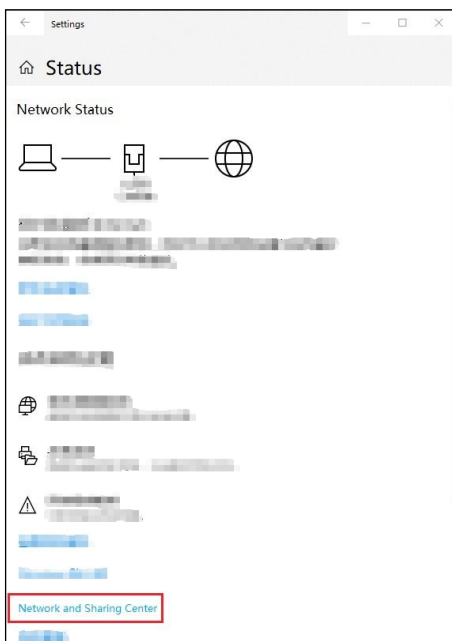
a. Hier dient als Beispiel ein Computer mit einem kabelgebundenen Netzwerkadapter, um die Schritte für **Win 10** und ähnliche Schritten für andere Systeme zu beschreiben.

Schritt 1. Klicken Sie mit der rechten Maustaste auf  in der unteren rechten Bildschirmecke und wählen Sie **Netzwerk- und Internet-Einstellungen öffnen**.

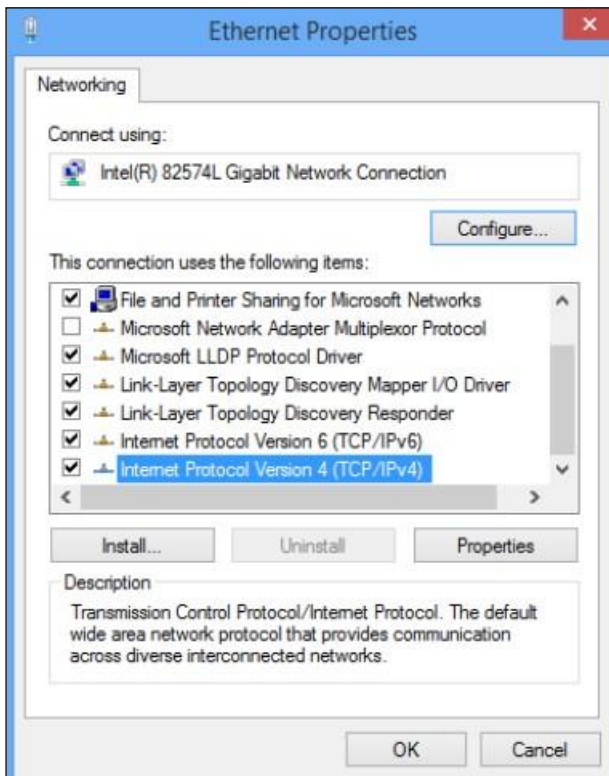


Schritt 2. Klicken Sie auf **Netzwerk- und Freigabecenter**. **Eigenschaften**

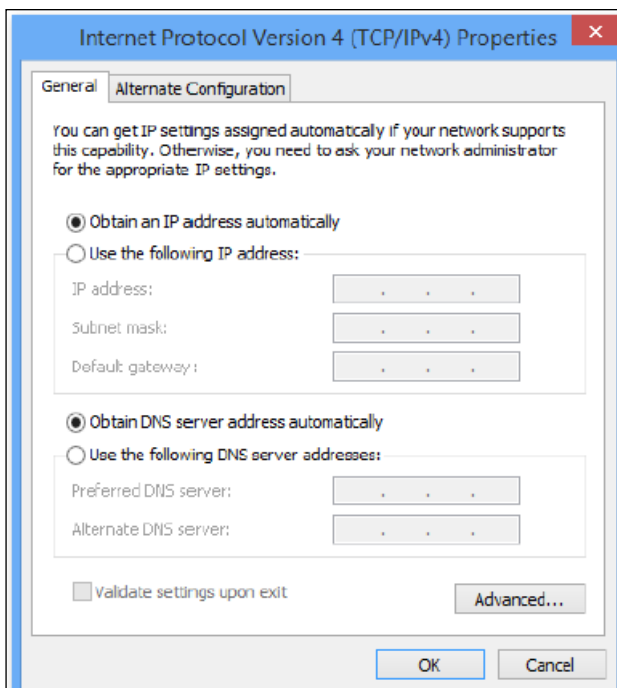
Schritt 3. Klicken Sie auf **Ethernet** und



Schritt 4. Doppelklicken Sie auf **Internetprotokoll Version 4 (TCP/IPv4)**.



Schritt 5. Wählen Sie **IP-Adresse automatisch beziehen** und **DNS-Serveradresse automatisch beziehen**, und klicken Sie auf **OK**.



Schritt 6. Sie gelangen dann zum Feld mit den Ethernet-Eigenschaften zurück, klicken Sie dort auf **OK**.

2. Ich kann die browserbasierte Konfigurationsschnittstelle nicht öffnen.

- a. Stellen Sie sicher, dass die Verbindung der WAN- und LAN-Anschlüsse korrekt ist.
- b. Achten Sie darauf, dass Ihr Ethernetkabel mit Internetverbindung nicht an einen LAN-Anschluss, sondern an den WAN-Anschluss des Routers angeschlossen ist.
- c. Stellen Sie sicher, dass Ihr drahtloses Gerät mit dem LAN-Anschluss des Routers verbunden ist.
- d. Geben Sie zur Anmeldung die richtige IP-Adresse (192.168.2.1) ein.
- e. Stellen Sie sicher, dass für die IP-Adresse Ihres Computers die Optionen „IP-Adresse automatisch beziehen“ und „DNS-Serveradresse automatisch beziehen“ eingestellt sind.
- f. Melden Sie sich mit einem anderen Webbrowser erneut an.
- g. Setzen Sie den Router auf seine Werksstandardeinstellungen zurück versuchen Sie es erneut.

3. Wie setze ich mein Gerät auf die Werksstandardeinstellungen zurück?

- a. Um das Gerät auf die Werksstandardeinstellungen zurückzusetzen, halten Sie die WPS/Reset-Taste mehr als 10 Sekunden lang gedrückt, bis die Netz-LED beginnt zu blinken. Bitte warten Sie ein paar Minuten, bis das Produkt neustartet. Wenn das Gerät neustartet, werden alle Einstellungen zurückgesetzt.

4. Ich habe mein Passwort vergessen.

- a. Setzen Sie den Router auf seine Werksstandardeinstellungen zurück und verwenden Sie den Standardbenutzernamen **admin** und das Standardpasswort **1234**. Die Standardeinstellungen werden auf dem Produktetikett auf der Rückseite des Geräts angezeigt, wie oben dargestellt.

5. Was muss ich tun, wenn eine Benachrichtigung über einen IP-Adressenkonflikt erscheint, nachdem der Computer mit dem Router verbunden wurde?

- a. Stellen Sie sicher, dass sich kein anderer DHCP-Server in Ihrem LAN befindet bzw. dass ein anderer DHCP-Server deaktiviert ist.
- b. Achten Sie darauf, dass die IP-Adresse Ihres Routers nicht von einem anderen Gerät in Ihrem LAN verwendet wird. Die Standard-IP-Adresse des Routers ist 192.168.2.1.
- c. Achten Sie darauf, dass die statische IP-Adresse, die dem Computer in Ihrem LAN zugewiesen wurde, nicht von anderen Geräten verwendet wird.

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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	17.87 dBm
5150-5240	21.09 dBm

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

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **AC1200 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.

FOR USE IN 



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: AC1200 Wireless router
Model No.: BR-6478AC V3

The following European standards for essential requirements have been followed:

Directives 2014/53/EU

Spectrum : EN 300 328 V2.1.1:2016
EN 301 893 V2.1.1:2017
EMC : EN 301 489-1 V2.2.0:2017
EN 301 489-17 V3.2.0:2017
EMF : EN 62311:2008

Directives 2014/35/EU

Safety (LVD) : IEC 60950-1:2005 (2nd Edition)+Am 1:2009+Am 2:2013
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

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Signature:

Printed Name: David Huang
Title: Director



Date of Signature: Nov., 2018

Signature:

Printed Name:

Albert Chang

Title:

Director

Edimax Technology Co., Ltd.

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