

**RE11S**

# Schnellinstallationsanleitung

11-2020 / v2.1

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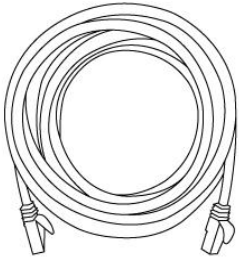
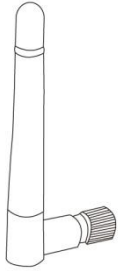
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# I. Produktinformationen

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## I-1. Verpackungsinhalt



- RE11S Extender x 1
- CD mit mehrsprachiger Schnellinstallationsanleitung und Benutzerhandbuch
- Schnellinstallationsanleitung
- Karte mit Zugangsschlüssel
- Antenne x 2
- RJ45-Kabel

## I-2. Systemanforderungen

- WLAN-Extender/WLAN-Bridge-Modus: Vorhandenes 2,4GHz- und/oder 5GHz-Drahtlosnetzwerk.
- Access Point Modus: Kabel/DSL-Modem.
- Computer mit 2,4GHz 802.11/b/g/n WLAN-Adapter und Internetbrowser zur Software-Konfiguration.
- Smartphone: iOS 4.3 oder Android 4.x und höher.

### I-3. LED-Status

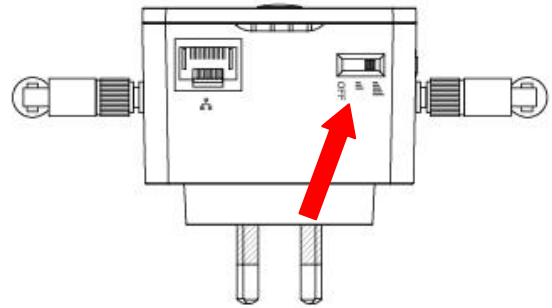


***Im Energiesparmodus sind alle LEDs deaktiviert. Die beste Signalstärke liegt bei 60 – 80%, da das Gerät sich bei über 80% wahrscheinlich zu nah an Ihrem Router befindet und der Extender dann nicht effektiv funktioniert.***

LED	Farbe	Status	Beschreibung
Signal 5GHz	Blau	An	Hervorragender Standort. Signalstärke: 60 – 80%
		Langsam blinkend	Guter Standort. Signalstärke: 40 – 60% & 80 - 100%
		Schnell blinkend	Schlechter Standort. Signalstärke: Unter 40%
		Aus	Kein Signal erkannt.
Signal 2,4GHz	Blau	An	Hervorragender Standort. Signalstärke: 60 – 80%
		Langsam blinkend	Guter Standort. Signalstärke: 40 – 60% & 80 - 100%
		Schnell blinkend	Schlechter Standort. Signalstärke: Unter 40%
		Aus	Kein Signal erkannt.
Roaming- Status	Grün	An	Extender dient als Master-Gerät.
		Blinkend	Daten werden synchronisiert.
		Aus	Extender dient als Slave-Gerät.
Power	Grün	An	Extender ist an.
		Blinkend	Rücksetzen auf Werksstandardwerte, oder System wird hochgefahren.
		Aus	Extender ist aus.
WPS	Grün	An	WPS-Verbindung hergestellt (Die LED bleibt 30 Sekunden lang an, um anzuzeigen, dass eine Verbindung erfolgreich ist).
		Blinkend	WPS im Gange (warten auf ein weiteres WPS-Gerät).
		Aus	Kein WPS im Gange.
LAN	Grün	An	LAN-Anschluss ist angeschlossen.
		Aus	LAN-Anschluss ist nicht angeschlossen.

## I-4. Schalter

Das Modell RE11S umfasst einen Hardware-Schiebeschalter an der Geräteunterseite, mit dem wie in der Tabelle unten gezeigt zwischen dem normalen, dem energiesparenden und dem Ruhemodus gewechselt werden kann. "WLAN-Leistung" bezieht sich auf die Stärke des drahtlosen Funksignals des Extenders (Tx).



Wenn Sie den Extender in einem kleinen oder mittelgroßen Raum einsetzen, benötigen Sie möglicherweise nicht die volle drahtlose Funkleistung. Probieren Sie es aus und finden Sie heraus, ob Sie auch im Energiesparmodus noch genügend WLAN-Abdeckung haben. Wenn ja, können Sie einiges an Energie sparen.

Modus	Schalterposition	Beschreibung
Normal	Oben	100% WLAN-Leistung
Energiesparmodus	Mitte	25% WLAN-Leistung
Schlafmodus	Unten	WLAN & LEDs aus & Ethernet-Port deaktiviert



**Die Tx-Leistung kann auch über die Web-basierte U.I. eingestellt werden. (Verwaltung → Drahtlos). Stellen Sie den Schalter auf "Normal", bevor Sie den Tx-Wert in der Web-basierten U.I. anpassen.**

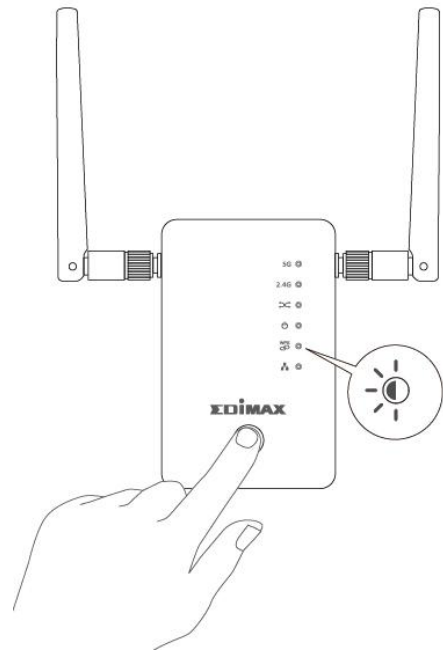
## II. Fügen Sie den RE11S Ihrem Netzwerk hinzu

Das Hinzufügen des RE11S Extenders zu Ihrem Netzwerk ist mit Hilfe der WPS-Taste ganz einfach. Neue Extender folgen automatisch den WLAN-Einstellungen des Master RE11S, der mit Ihrem Router verknüpft ist.



**Wenn Sie noch keinen Master-Extender eingerichtet haben, gehen Sie wie im nächsten Kapitel III. Master-Installation beschrieben vor und installieren stattdessen ein Master-Gerät.**

1. Halten Sie die WPS-Taste an Ihrem Master-Extender **3 Sekunden** lang gedrückt.
2. Halten Sie **innerhalb von zwei Minuten** etwa **3 Sekunden lang** die WPS-Taste an dem neuen Extender gedrückt, den Sie hinzufügen möchten. (Er muss sich innerhalb der Reichweite Ihres Master-Extenders befinden.) Die **grüne** WPS-LED des Extenders sollte blinken, um anzuzeigen, dass WPS genutzt wird.
3. Warten Sie bitte, während die Geräte eine Verbindung herstellen. **Das kann bis zu 2 Minuten dauern.**
4. Die **grüne** WPS-LED an beiden Extendern sollte 30 Sekunden lang an sein, um anzuzeigen, dass eine Verbindung erfolgreich ist. (Wenn das nicht geschieht, starten Sie bitte alle Geräte neu und versuchen Sie es erneut.) Roaming steht dann automatisch zur Verfügung.



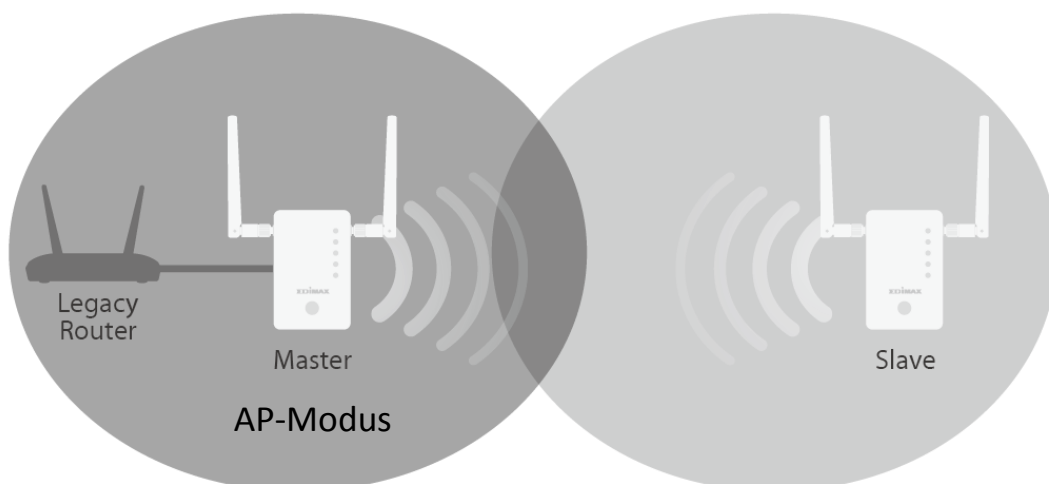
### III. Master-Installation

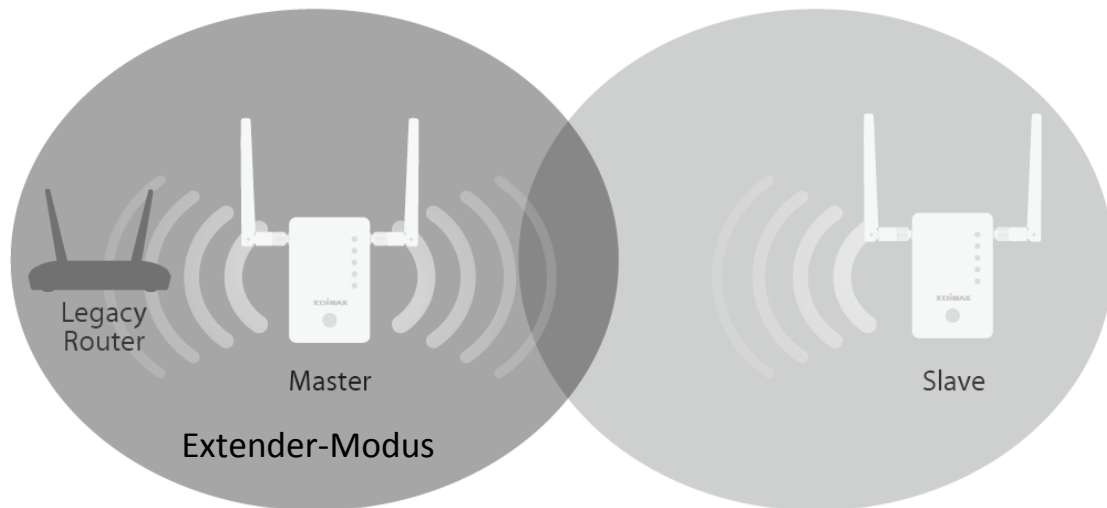
RE11S-Extender unterstützen die Roaming-Funktion. Das bedeutet, dass nach der Einrichtung von zwei oder mehr Roaming-Geräten Ihre WLAN-Geräte (Smartphones, Tablets etc.) automatisch eine Verbindung mit dem besten verfügbaren WLAN-Signal herstellen, wenn Sie sich bewegen.



**Sie müssen nur einen Extender einrichten, um eine Verbindung mit Ihrem bestehenden WLAN-Netzwerk herzustellen. Dieser dient dann als Master.**

Anschließend lassen sich zusätzliche Extender einfach mit Hilfe der WPS-Taste hinzufügen. Diese Extender dienen als **Slave**-Geräte und richten sich automatisch nach den WLAN-Einstellungen des **Master**-Geräts.





Jeder RE11S ist in einem von drei Modi nutzbar. Zur Nutzung der Roaming-Funktion stellen Sie Ihren **Master**-Extender auf den Modus **WLAN-Extender** oder **WLAN-Access Point**.

 **Bitte stellen Sie sicher, dass der DHCP-Server Ihres Routers aktiviert ist. Bei den meisten Routern ist er standardmäßig aktiviert. Wenn der DHCP-Server deaktiviert ist, müssen Sie Ihrem Extender eine IP-Adresse zuweisen.**

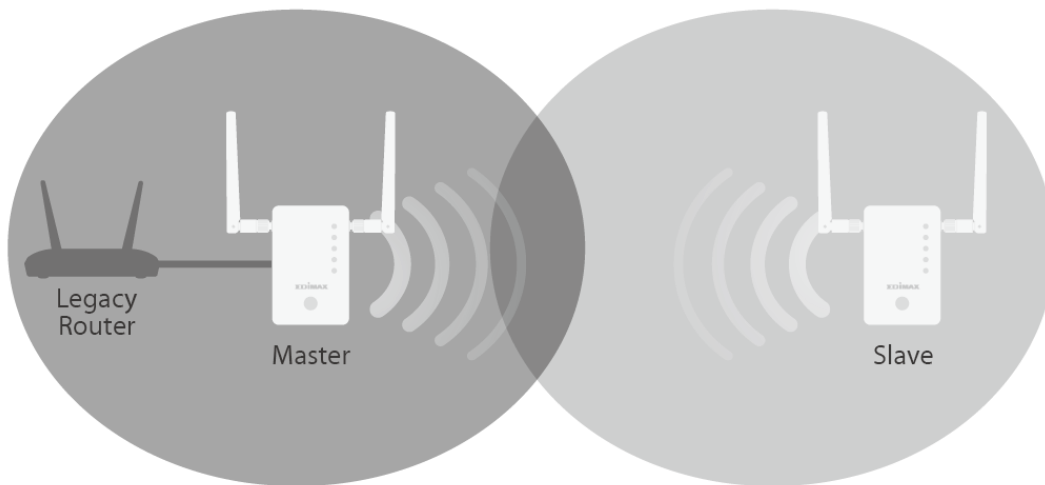
**Weitere Hilfe finden Sie im Benutzerhandbuch.**

Weitere (Slave-) Extender werden über die WPS-Taste automatisch auf den Betrieb als WLAN-Extender eingestellt.

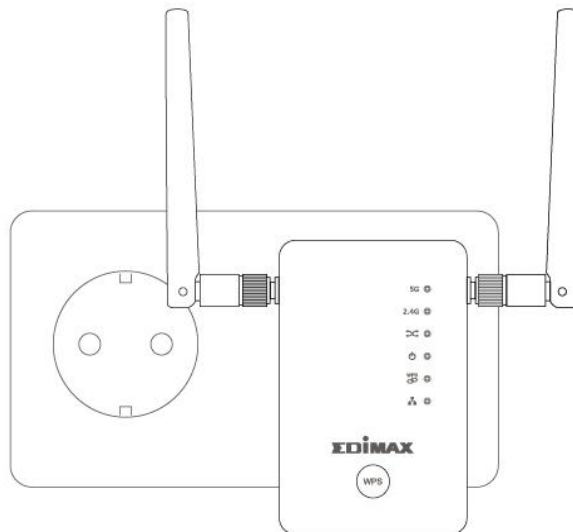
<b>WLAN-Extender</b>	<p><i>Das Gerät verbindet sich drahtlos mit Ihrem bestehenden Netzwerk und wiederholt das WLAN-Signal.</i></p> <p><b>Ort:</b> Der beste Ort für Ihren Extender ist etwa in der Mitte zwischen Ihrem bestehenden Drahtlos-Router/Access Point und der Totzone. Der Extender muss ein gutes WLAN-Signal vom Router/Access Point empfangen.</p>
<b>WLAN-Access Point</b>	<p><i>Das Gerät verbindet sich über Ethernetkabel mit einem vorhandenen Router und stellt Ihren Netzwerkvorrichtungen drahtlosen Internetzugang zur Verfügung.</i></p> <p><b>Ort:</b> Über Ethernet-Kabel an Ihren Router angeschlossen.</p>
<b>WLAN-Bridge (WLAN-Adapter)</b>	<p><i>Das Gerät wird über ein Ethernetkabel und einem entsprechenden WLAN-Internetzugang mit einem Ethernet-Gerät verbunden, z.B. mit einer Spielkonsole oder einem Smart TV.</i></p> <p><b>Ort:</b> Im Bereich der WLAN-Abdeckung, in der Nähe des kabelgebundenen Netzwerkgeräts.</p>

### III-1. Access Point-Modus

*Das Gerät verbindet sich über Ethernetkabel mit einem vorhandenen Router und stellt Ihren Netzwerkvorrichtungen drahtlosen Internetzugang zur Verfügung.*



- 1.** Verbinden Sie den Netzwerkanschluss Ihres RE11S über ein Ethernet-Kabel mit dem LAN-Port Ihres vorhandenen Routers.
- 2.** Stecken Sie den RE11S in eine Netzsteckdose.



- 3.** Die **grüne** Netz-LED **blinkt**, während der Extender startet. Das Gerät ist bereit, wenn die **grüne** Netz-LED **an** ist.



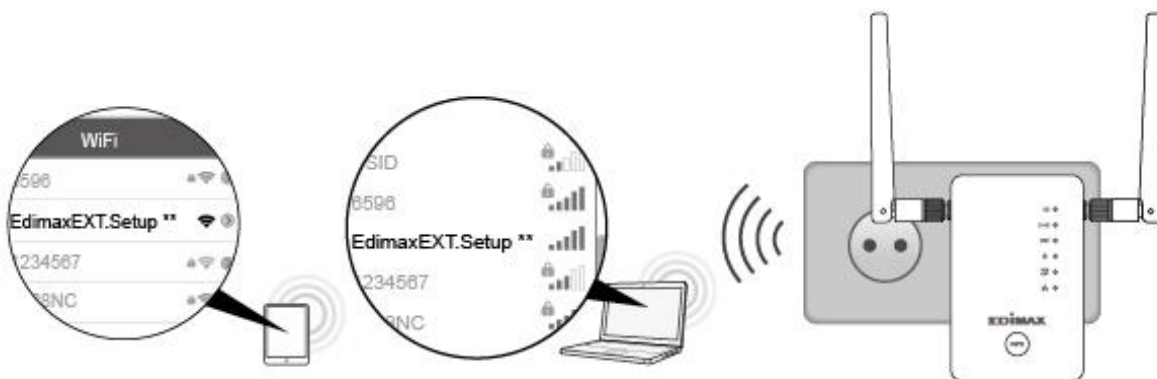
4. Die Standard-WLAN-SSID und das Standardpasswort, die für die WLAN-Verbindung benötigt werden, sind auf der Access Key Card zu finden.



Wenn Sie nicht wissen, wie Sie Ihr Gerät mit dem WLAN verbinden, beachten Sie **V. WLAN-Verbindung mit Ihren Geräten herstellen.**

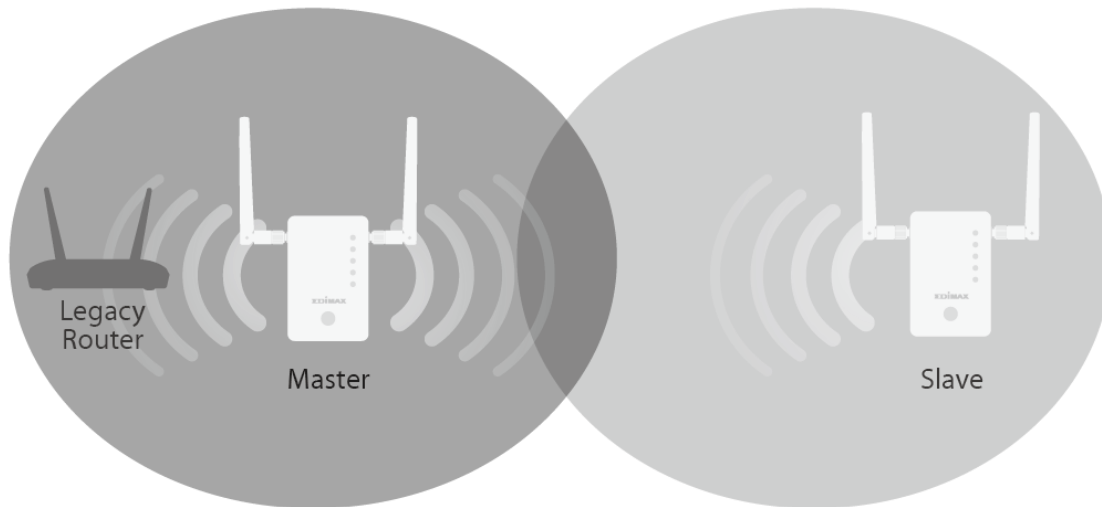


***Wenn Sie einen Computer verwenden, entfernen Sie bitte alle Ethernet-Kabel.***

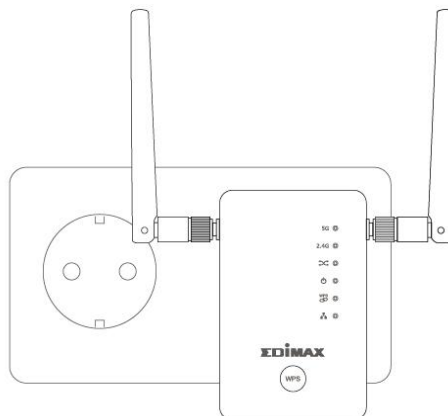


## III-2. WLAN-Extender-Modus

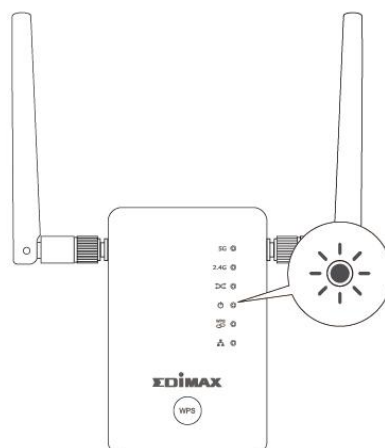
*Das Gerät verbindet sich drahtlos mit Ihrem bestehenden Netzwerk und wiederholt das WLAN-Signal.*



**1.** Stecken Sie den RE11S in eine Netzsteckdose.



**2.** Die **grüne** Netz-LED **blinkt**, während der Extender startet. Das Gerät ist bereit, wenn die **grüne** Netz-LED **an** ist.

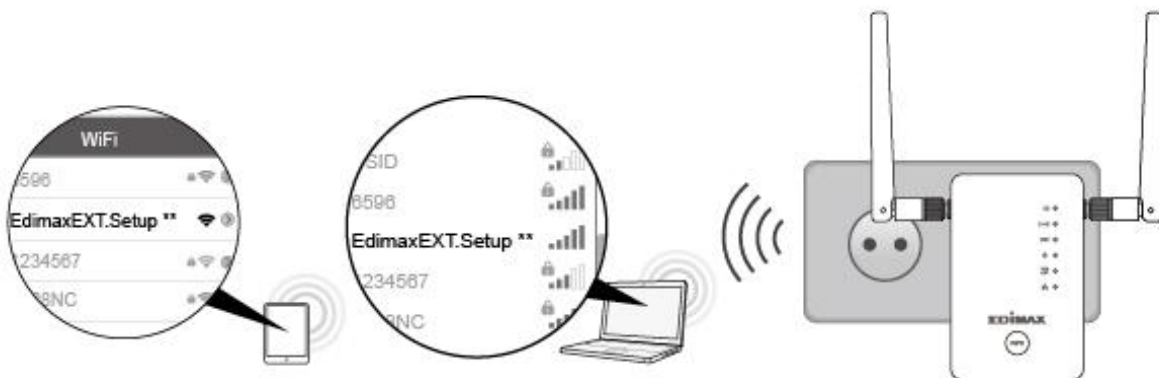


3. Verwenden Sie ein WLAN-Gerät für die Verbindung mit der SSID "EdimaxEXT.Setup \*\*". Die Standard-WLAN-SSID und das Standardpasswort sind auf der Access Key Card zu finden.

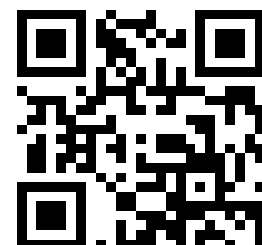
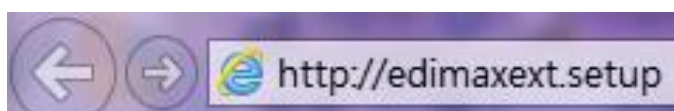


Wenn Sie nicht wissen, wie Sie Ihr Gerät mit dem WLAN verbinden, beachten Sie **V. WLAN-Verbindung mit Ihren Geräten herstellen.**

 **Wenn Sie einen Computer verwenden, entfernen Sie bitte alle Ethernet-Kabel.**



4. Öffnen Sie einen Web-Browser. Und wenn Sie nicht automatisch auf den unten gezeigten "Get Started"-Bildschirm gelangen, geben Sie die URL ***http://edimaxext.setup*** ein oder scannen Sie den folgenden **QR-Code** und klicken Sie auf **"Get Started"**, um mit dem Setup-Verfahren zu beginnen.

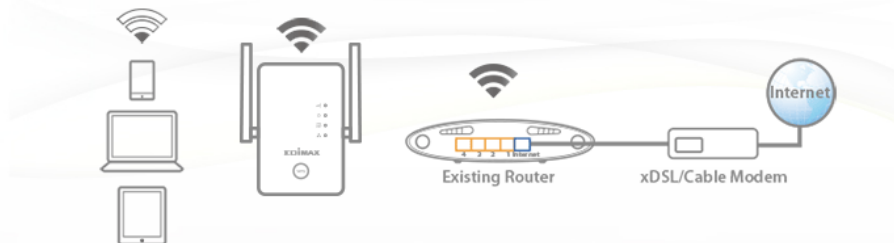




***Wenn Sie nicht auf <http://edimaxext.setup> zugreifen können, überzeugen Sie sich bitte davon, dass Ihr Computer für die Verwendung einer dynamischen IP-Adresse eingestellt ist. Für weitere Informationen beziehen Sie sich bitte auf das Benutzerhandbuch.***

- 5.** Wählen Sie “Yes, I need a Wi-Fi Extender” (Ja, ich brauche einen WLAN-Extender), um die Einrichtung als WLAN-Extender fortzusetzen.

The default mode of this product is Wi-Fi extender mode. It connects to your existing network and extends the wireless signal range.



CHANGE TO A DIFFERENT MODE

YES, I NEED A Wi-Fi EXTENDER

6. Folgen Sie den Anweisungen auf dem Bildschirm für den ausgewählten Modus, um das Setup abzuschließen. Sie können das Produkt für 2,4 GHz und/oder für 5GHz WLAN konfigurieren.

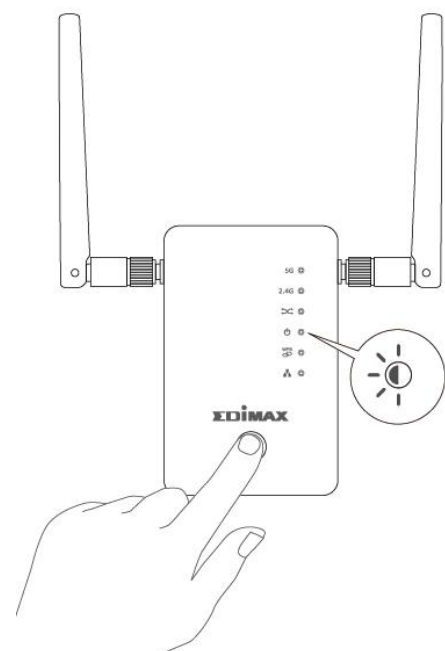


**Um bei den Geräten zwischen "Master" und "Slave" zu wechseln, ziehen Sie alle Ethernet-Kabel ab, setzen Sie die Geräte auf die Werkseinstellungen zurück und führen Sie das Setup erneut durch.**

## IV. Zurücksetzen des Extenders

Wenn Probleme mit Ihrem Extender auftreten oder wenn Sie den Extender auf einen anderen Betriebsmodus umstellen möchten, können Sie das Gerät wieder auf die Werkseinstellungen zurücksetzen. Damit werden **alle** Einstellungen auf die Standardwerte zurückgesetzt.



1. Halten Sie die WPS-Taste mindestens 10 Sekunden gedrückt und lassen Sie sie los, wenn die **grüne** Netz-LED **blinkt**.
2. Warten Sie, bis der Extender neu gestartet wird. Der Extender ist für die Einrichtung bereit, wenn die **grüne** Netz-LED **an** ist.

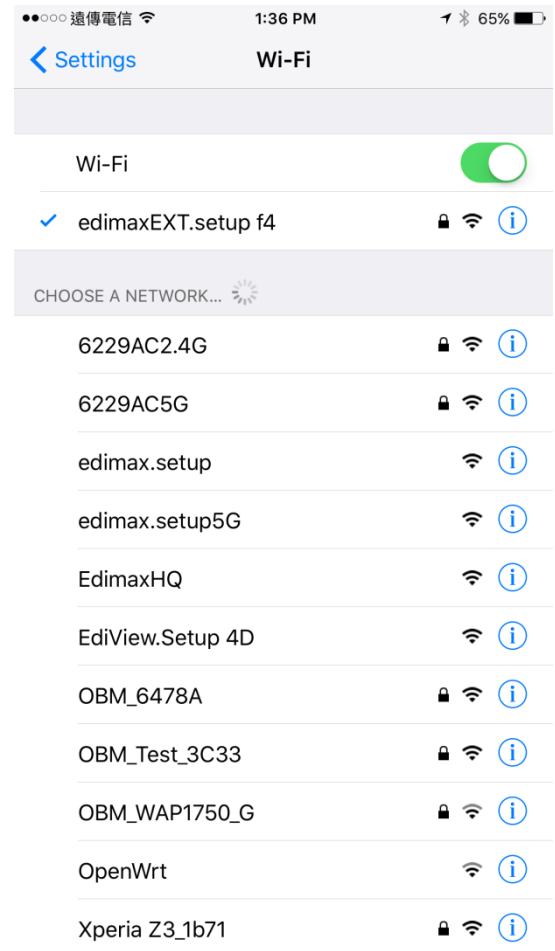


# V. Verbindung mit einem WLAN-Netzwerk

## V-1. iOS

Gehen Sie von Ihrem Startbildschirm aus zu Einstellungen --> WLAN.

1. Aktivieren Sie WLAN.  
Ihr Gerät sucht automatisch nach verfügbaren WLAN-Netzwerken.
2. Tippen Sie in der Liste der WLAN-Netzwerke auf "EdimaxEXT.setup \*\*". Die letzten beiden \*\* Zeichen sind die einzigartige Kennzeichnung Ihres Geräts. Die SSID ist auf der Access Key Card zu finden.
3. Geben Sie das Passwort ein, das Sie auf der Access Key Card finden.
4. Sobald Sie die Verbindung zu dem Netzwerk hergestellt haben, sehen Sie neben dem  Netzwerk und in der linken oberen Ecke .



## V-2. Android

Gehen Sie von Ihrem Startbildschirm aus zu Einstellungen --> WLAN.

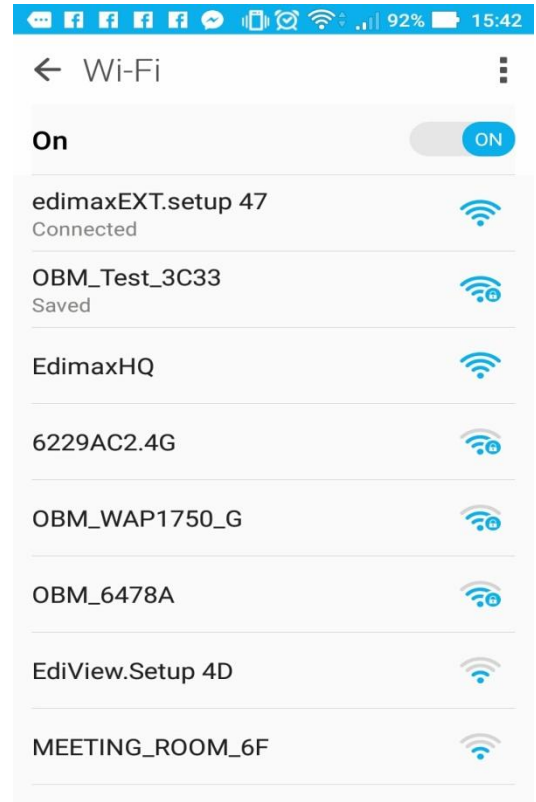
### 1. Aktivieren Sie WLAN.

Ihr Gerät sucht automatisch nach verfügbaren WLAN-Netzwerken.




### 2. Tippen Sie in der Liste der WLAN-Netzwerke auf "EdimaxEXT.setup \*\*". Die letzten beiden \*\* Zeichen sind die einzigartige Kennzeichnung Ihres Geräts. Die SSID ist auf der Access Key Card zu finden.

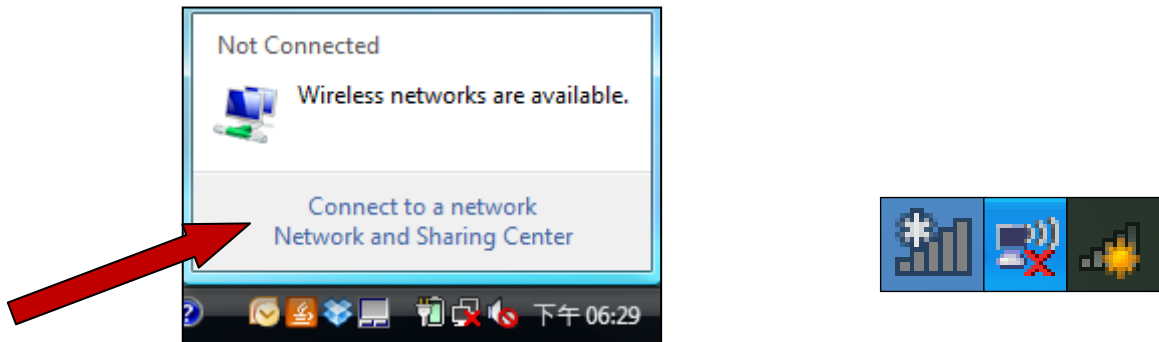
### 3. Geben Sie das Passwort ein, das Sie auf der Access Key Card finden.

### 4. Sobald Sie die Verbindung zu dem Netzwerk hergestellt haben, sehen Sie unter der Netzwerk-SSID **Connected** (Verbunden) und in der rechten oberen Ecke.

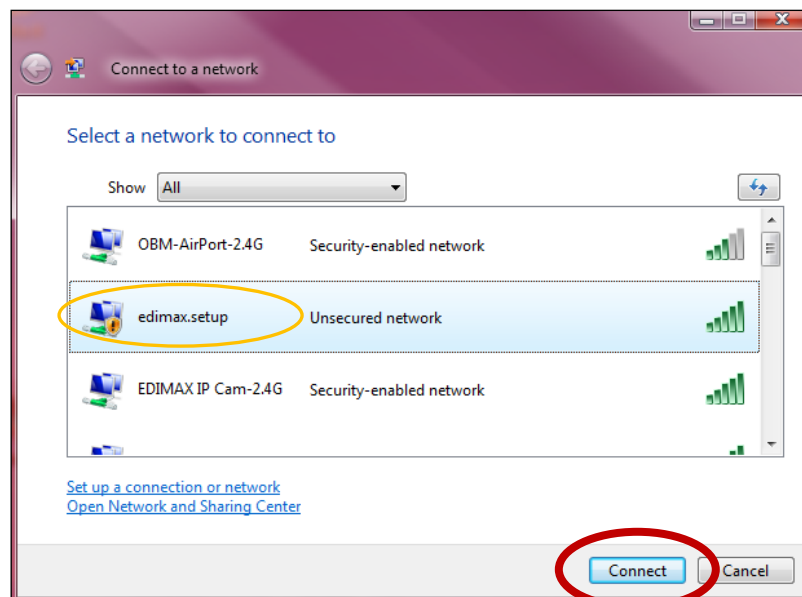


### V-3. Windows

1. Klicken Sie auf das Netzwerksymbol ( ,  oder  ) in der Schnellstartleiste und wählen Sie **“Connect to a network (Mit einem Netzwerk verbinden)”**.



2. Wählen Sie "EdimaxEXT.setup \*\*". Die letzten beiden \*\* Zeichen sind die einzigartige Kennzeichnung Ihres Geräts. Die SSID ist auf der Access Key Card zu finden.



3. Geben Sie das Passwort ein, das Sie auf der Access Key Card finden.
4. Nachdem Sie Ihr Passwort richtig eingegeben haben, werden Sie erfolgreich mit dem WLAN-Netzwerk des RE11S verbunden.



#### V-4. Mac

1. Klicken Sie auf das WLAN-Symbol im rechten oberen Menü auf dem Bildschirm und wählen Sie das WLAN-Netzwerk **EdimaxEXT.setup \*\***.
2. Geben Sie das Passwort ein, das Sie auf der Access Key Card finden.



***Die letzten beiden \*\* Zeichen sind die einzigartige Kennzeichnung Ihres Geräts.***



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	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

## 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	19.97 dBm
5150-5250	22.83 dBm

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

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **AC1200 Dual-Band Wi-Fi Extender** 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.
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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 Dual-Band Wi-Fi Extender**  
**Model No.: RE11S**

The following European standards for essential requirements have been followed:

### Directives 2014/53/EU

Spectrum : EN 300 328 V2.1.1 (2016-11)  
EN 301 893 V2.1.1 (2017-05)  
EMC : EN 301 489-1 V2.2.0 (2017-03)  
EN 301 489-17 V3.2.0 (2017-03)  
EMF : EN 62311:2008  
Safety (LVD) : IEC 62368-1:2014 (2<sup>nd</sup> Edition) and/or EN 62368-1:2014+A11:2017

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Date of Signature: Nov., 2020

Signature:

Printed Name:

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Title:

Director

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