

5G-8649AX

Quick Installation Guide

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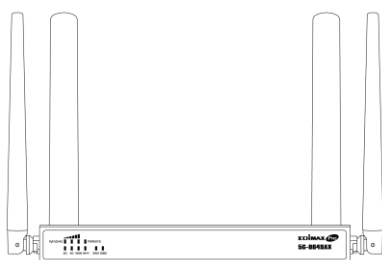
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I. Product Information

5G-8649AX: 5G NR AX1800 Wi-Fi 6 Router

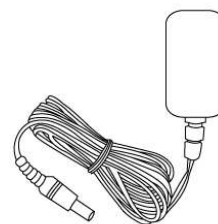
I-1. Package Content



5G-8649AX

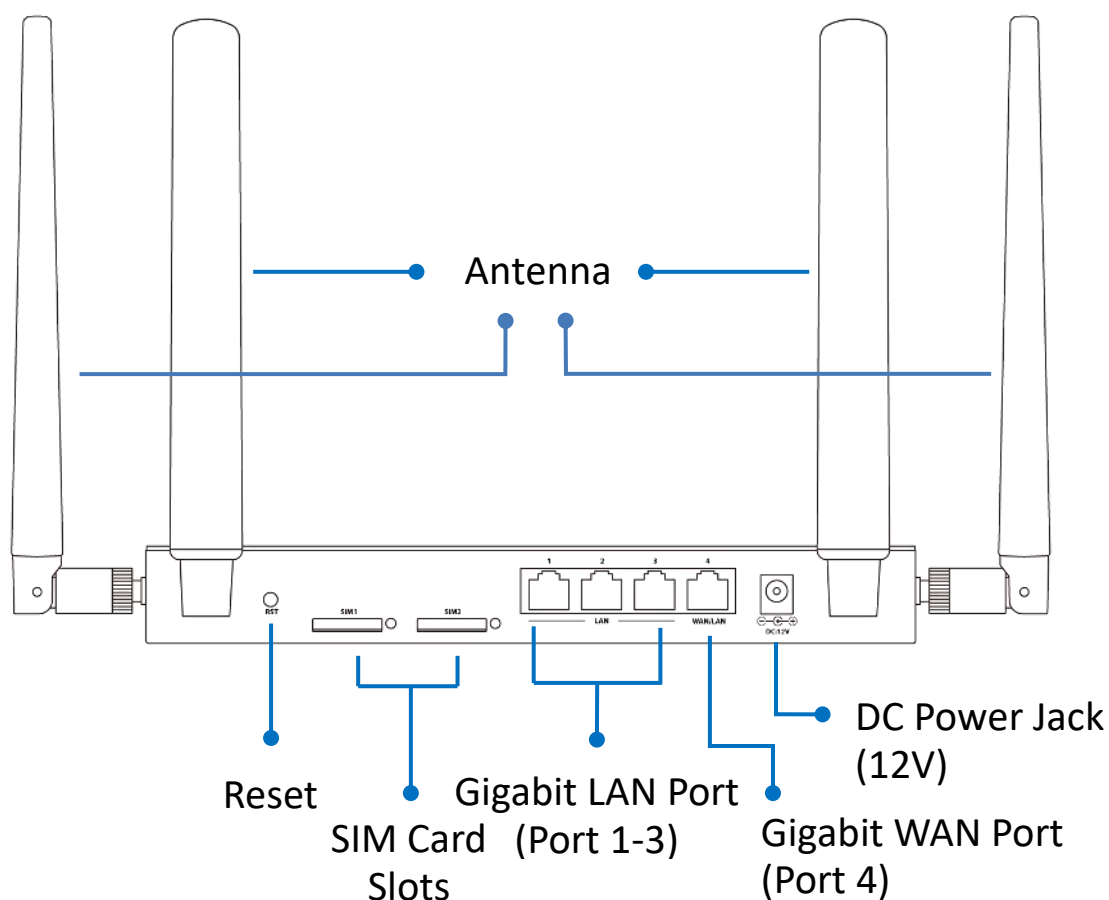


**Quick Installation
Guide**

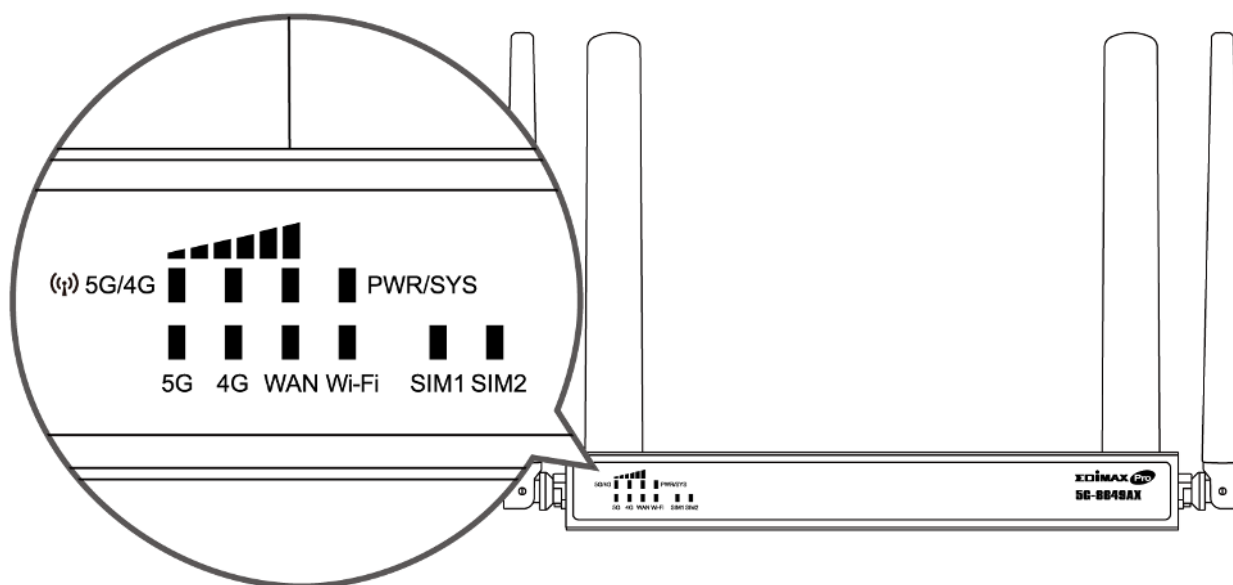


Power Adapter

I-2. Hardware Overview



I-3. LED Status



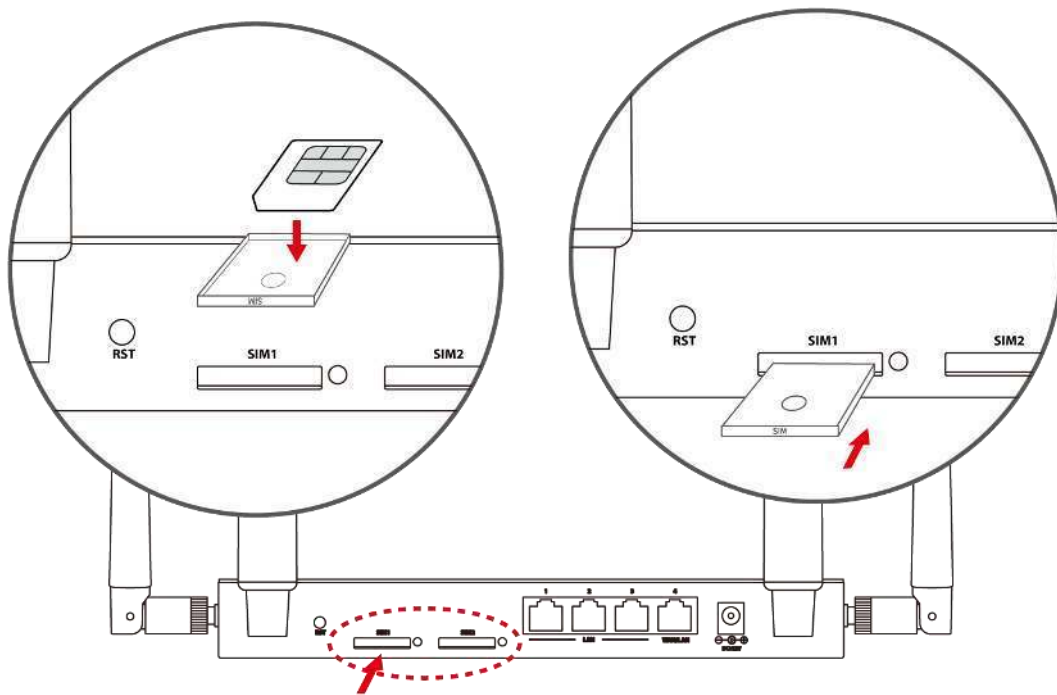
Function	Color	Status	Description
5G	Blue	On	Connected to 5G NR network
		Off	Not connected to 5G NR network
4G	Blue	On	Connected to 4G LTE network
		Off	Not connected to 4G LTE network
WAN	Blue	On	Connected to the internet
		Off	Not connected to the internet
Wi-Fi	Blue	On	Wi-Fi function enabled
		Off	Wi-Fi function disabled
PWR/SYS	Blue	On	System working fine
		Off	Power off or system failure
		Blinking	Booting up or firmware upgrading
SIM 1 SIM 2	Blue	On	SIM card is active
		Off	No SIM card inside
5G/4G  (5G) 5G/4G	Blue	Sequence On	1. Connecting to Cellular Network connection 2. No cellular Network connection
		On	Connected to internet via cellular • One LED: Poor connection • Two LEDs: Good connection • Three LEDs: Excellent connection

II. Installation

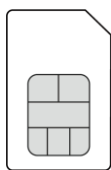
Read the following topics and perform the procedures in the correct order. Incorrect installation may cause damage to the product.

II-1. SIM Card Installation

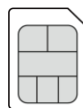
Gently insert the standard SIM card(s) into the SIM card slot(s).



Supported SIM card type for 5G-8649AX:



Standard SIM



Micro-SIM



Nano-SIM

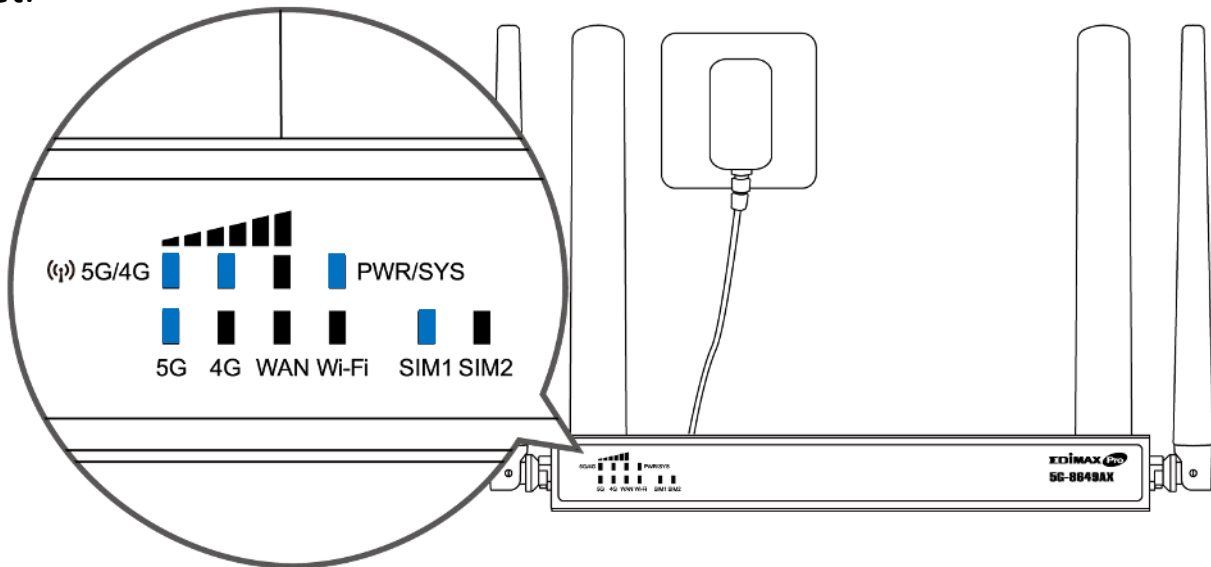


Note:

1. Hot Swapping is not supported.
2. The 5G or 4G Router needs to be restarted. Otherwise the Internet connection can't be established.
3. Please make sure PIN code of SIM is disabled before inserting the SIM to the 5G or 4G router.

II-2. Power on the Router

Connect the power adapter to the product's power port and then to the wall outlet.



Note:

1. Make sure the “PWR/SYS” LED is ON (Blue), “PWR/SYS” LED Blinking duration is 90 sec.
2. Make sure the “5G” or “4G” LED is ON (Blue).

III. Web-based Configuration

This section describes how to navigate the web-based configuration utility through the web browser. Be sure to disable any browser pop-up blocker.

Launching the Web Configuration Utility

The followings are the setup illustrations for smartphones.

III-1. Connect to Wi-Fi

Please refer to the Wi-Fi SSID and password on the label of the product.

1. Select your Wi-Fi Network (SSID)

Default SSID	Edimax-2.4Gxxxx Edimax-5Gxxxx
Default Password	12345678

Default SSID : Edimax-xxxx
(xxxx= Last 4 digits of the MAC Address)

For Example:

MAC Address: 08:BE: AC: 01: **DE:3C**

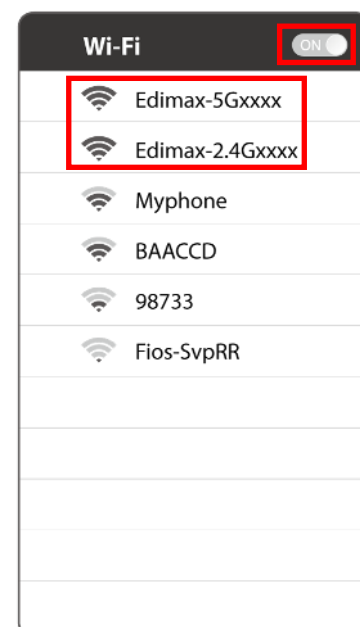
SSID= Edimax-5G**DE3C**

2. Click the selected SSID and enter the default Wi-Fi Password: 12345678.



Note:

Make sure the Wi-Fi connection is “ON”.

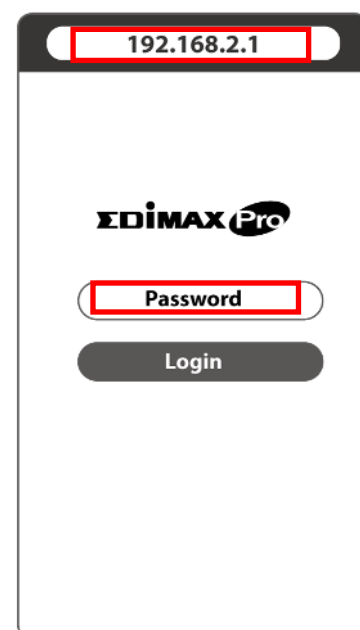


III-2. Login the Web-based Configuration

Please refer to the login IP address and password on the label of the product.

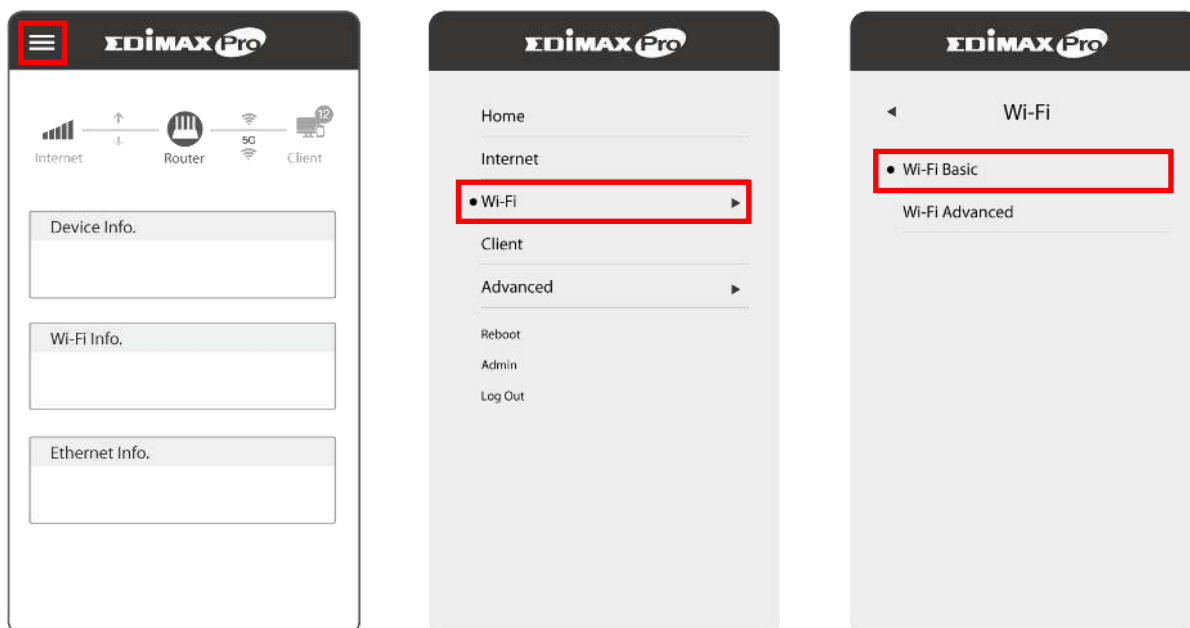
1. Enter the Default **IP address “192.168.2.1”** in the address field of the web browser.
2. Enter the Default **Password “1234”**.

Default IP address	192.168.2.1
Default Password	1234



III-3. Modify Wi-Fi Parameters

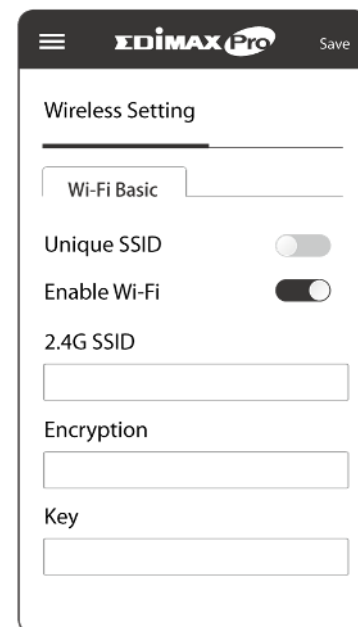
1. Select menu  → Wi-Fi → Wi-Fi Basic



2. Modify Wi-Fi parameters

Modify the Wi-Fi parameters of SSID, Encryption and Key (password).

Item	Description
SSID	• 2.4GHz SSID • 5GHz SSID
Encryption	• WPA/WPA2-Personal • WPA2/WAP3-Personnal • Open
Key	 Password MUST be modified.



3. Click “**Save**” button after modifying the Wi-Fi parameters.

Note:

You can Login the Web-based Configuration utility via a LAN port as well.

Plug the standard Cat5e or above Ethernet cable into the LAN port and connect to the PC/NB/Server

Login the Web-based Configuration by entering default IP address and default password.

Default IP address	192.168.2.1
Default Password	1234

IV. More Information

For detailed instructions, you can find user manuals and all supporting documents from the link below or via the QR code:

<https://www.edimax.com/download/>

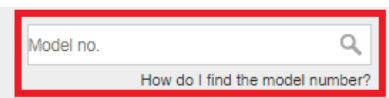


Please search the model name “5G-8649AX” to enter the referred page.

Download

To select your product and find related download materials, enter the model number into the search box on the right side or follow the simple steps below:

*Feel free to contact us anytime if you need help or if you can't find your product.

A screenshot of a web interface showing a search box. The box is labeled 'Model no.' and has a magnifying glass icon on the right. Below the box, there is a link that says 'How do I find the model number?'. The entire search area is highlighted with a red rectangular border.

V. 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 main power source before cleaning and use a dry lint free cloth only.

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R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

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, Croatia, 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.

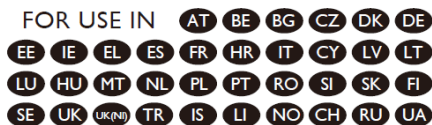
EU Countries Not Intended for Use

None

EU Declaration of Conformity

- English:** This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU.
- Français:** Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/30/EU.
- Čeština:** Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnice 2014/30/EU.
- Polski:** Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/30/EU.
- Română:** Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/30/EU.
- Русский:** Это оборудование соответствует основным требованиям и положениям Директивы 2014/30/EU.
- Magyar:** Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (2014/30/EU).
- Türkçe:** Bu cihaz 2014/30/EU. direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.
- Українська:** Обладнання відповідає вимогам і умовам директиви 2014/30/EU.
- Slovenčina:** Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/30/EU.
- Deutsch:** Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/30/EU.
- Español:** El presente equipo cumple los requisitos esenciales de la Directiva 2014/30/EU.
- Italiano:** Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/30/EU.
- Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/30/EU.
- Português:** Este equipamento cumpre os requisitos essenciais da Directiva 2014/30/EU.
- Norsk:** Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/30/EU.
- Svenska:** Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/30/EU.
- Dansk:** Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2014/30/EU.
- suomen kieli:** Tämä laite täyttää direktiivien 2014/30/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: 5G NR WiFi 6 Router

Model No.: 5G-8649AX

The following European standards for essential requirements have been followed:

Directives 2014/53/EU

Spectrum : ETSI EN 300 328 V2.2.2 (2019-07)
ETSI EN 301 893 V2.1.1 (2017-05)
ETSI EN 300 440 V2.1.1 (2017-03)
ETSI EN 301 908-1 V15.2.1 (2023-01)
ETSI EN 301 908-2 V13.1.1 (2020-06)
ETSI EN 301 908-13 V13.2.1 (2022-02)
ETSI TS 138-521-1 V17.10.0 (2013-10)
ETSI TS 138-521-3 V17.10.0 (2013-10)
ETSI EN 301 908-25 V15.1.1 (2024-10)

EMC : ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-3 V2.3.2 (2023-01)
ETSI EN 301 489-17 V3.2.4 (2020-09)
ETSI EN 301 489-52 V1.2.1 (2021-11)
EN 55032:2015+A11:2020
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A2:2021
EN 55035:2017+A11:2020

EMF : EN IEC 62311:2020
EN 50385:2017
EN 62232:2017

Safety (LVD) : EN IEC 62368-1:2020+A11:2020

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