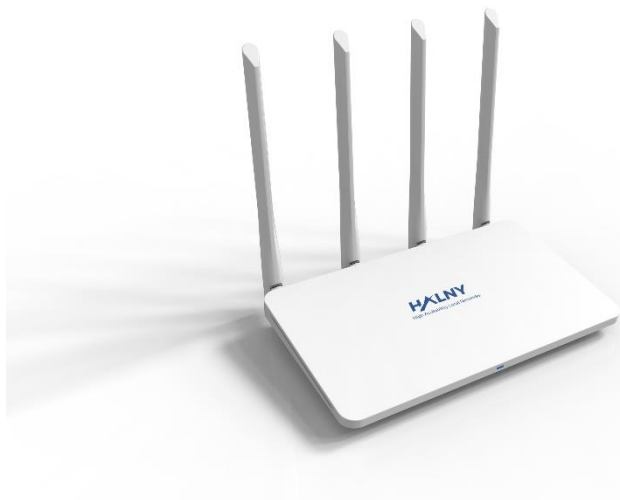


# Quick Installation Guide HALNY HLE-3GM



## Safety Guidance

### 1.1 Safety Check

Before installing the device, you must check the following items.

#### 1.1.1 Electric Safety

- Ensure that there are no inflammable, conductive or moist objects around. Check whether the cables are aged and whether other electrical appliances are placed stably,
- Check whether the alternating or direct input current is within the allowed range of the device, whether the polarity of the direct current is correct, and whether the earth line is properly connected.

#### 1.1.2 Device Position

- Because the running electric device easily generates heat, please ensure to place the device in a well-ventilated environment,
- Avoid direct sunshine, and do not place the device on a PC case,
- Keep the device away from heat and water,
- Check whether power supply is available. The input voltage fluctuation range must be smaller than 10%. The power plug should not share one socket with a hair drier, an iron or a refrigerator.

### 1.2 Safety Caution

- Read the quick installation guide carefully before using the device,
- Note all Cautions in the quick installation guide,
- Do not use any accessory that does not belong to the device without prior consent of the manufacture, as it may cause fire or product damage,
- Use the power adapter accompanied in the package,
- Do not place any object on the device,
- Keep the device dry, ventilated, rainproof, and clean,

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- During lightning weather, unplug the power plug and all connection cables, to protect the device against lightning,
- Clean the device using a soft and dry cloth rather than liquid or atomizers. Power off the device before cleansing it,
- Power off the idle device,
- Keep the ventilation hole clean and prevent any object from dropping into the device through it. Otherwise, it may cause short circuit and further cause device damage or fire. Do not spray liquid on the surface of the device,
- Do not open the case of the device, especially during device power-on,
- Before plugging or unplugging the power, ensure that the power is off, thus avoiding surge,
- Be careful when unplugging the power, as the transformer may be very hot,
- Cover the optical interface with fiber interface cap when it is not in use. Avoid direct eye exposure to the laser emitted from the optical interface. Wear safety glasses if possible, to protect your eyes.



### **Caution:**

**Please read the above safety guidance carefully before device use. Users should assume responsibilities for any accidents due to noncompliance with the above instructions.**

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## 2 Overview

This chapter mainly describes functions and the structure of the **HALNy HL-3GM**.

### 2.1 Features and Function

- Fast data rate. Support up to 1Gbps downstream/upstream data transmission rates,
- Strong maintainability. Provide various statuses of LED indicators, to help troubleshooting,

## 2.2 Front and Rear Panel

The description of the front panel and the rear panel of the router as follows.

### 2.2.1 Front Panel



Fig. 1 - Front Panel

Mesh	Color	Status	Description
Off	Red	On	The power works normally.
	Green	On	WAN interface is up and connected with ISP servies
On	Red	Blinking	No connection with mesh controller
	Green	Blinking	Connecting to mesh controller
		On	Connected to mesh controller

Table 1. LED Indication Table

### 2.2.2 Rear Panel



Fig 2. Rear Panel

Interface / Button	Function
LAN	Ethernet interface, for connecting to a computer or an Ethernet interface of a switch.
WAN	Ethernet interface, for connecting to Wide Area Network
Reset	Press and hold to reset
WPS	Press and hold for 5 seconds to pair device via WPS
Power	Turn on/off power
USB	USB 2.0 port

Table 3.Rear Panel port description

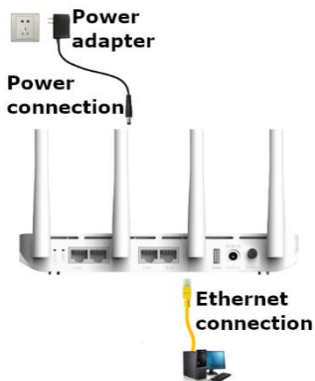
## 3 Router Installation

The chapter describes the required installation operations before you use the device for the first time.

### 3.1 Installation Preparations

The Ethernet interface of your computer connects to the Ethernet interface of the router. Before installing it, ensure that an Ethernet adapter is already installed in your computer.

### 3.2 Connecting device



#### 3.2.1 Connecting the Network Cable

- Step 1** Use the one end of the network cable to connect the Ethernet interface of the computer.
- Step 2** Use other end of a network cable to connect the Ethernet interface on the rear panel of the **HALNy HLE-3GM**.

#### 3.2.2 Connecting the Power Adapter and Power Cord

- Connect the output end of the power adapter included in the device package to the input end of the power supply,
- Insert one end of the power cord attached with the device into the input end of

## HALNy HLE-3GM Quick Installation Guide

the power adapter. Insert the other end of the power cord into the power socket,

- Check whether the Power indicator is on. If it is on, the power supply is normal. Otherwise, check whether the power cord and the power adapter are correctly connected.

## 4 Troubleshooting

Symptom	Solution
The <b>LED</b> indicator is not on	<ul style="list-style-type: none"> <li>● Check whether the power connection is correct,</li> <li>● Check whether the power adapter matches the device.</li> </ul>
The <b>LED</b> indicator is red	<ul style="list-style-type: none"> <li>● Check whether your Service Provider have network problems,</li> <li>● Check whether the network cable is properly connected to WAN port</li> </ul>

## 5 Technical Specification

Main Technical Specifications		
Standard	Ethernet	1000BASE-T
Rate	Uplink	1Gbps
	Downlink	1Gbps
Interface	WAN interface	RJ-45 10/100/1000Mbps MDI/MDIX Self adaption
	3 LAN ports	RJ-45 10/100/1000Mbps MDI/MDIX Self adaption
	WiFi 2.4Ghz	802.11n (2T2R MIMO) 300Mbps
	WiFi 5Ghz	802.11ac (2T2R MIMO) 876Mbps
Physical Characteristics and Environment Requirements		
Power adapter input		100V~240V AC, 50Hz~60Hz
Whole-device power supply		12V DC, 1A
Standard power consumption		<12W

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Main Technical Specifications	
Operating temperature	0°C~45°C
Operating humidity	10%~90% (non-condensing)
Dimension	L x W x H: 305mm x 200mm x 25mm
Weight	<500g

### Additional information:

#### Declaration of Conformity (CE)

*This device has been tested and found to comply with the stated standards which are required by the Council Directive of 2014/30/EU. The device complies with this CE Declaration when the installation is done in accordance with the instruction and documentation. The importer don't take responsibility for any issues caused by improper use of the device.*

*The full document is on below web page and it is available in importer:*

#### CE / warranty terms and conditions:

[www.halny.com](http://www.halny.com)

#### **Importer:**

FIBRAIN Sp. z o.o  
 36-062 Zaczernie 190F (POLAND)  
 info@fibrain.pl

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## Recycling



This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled according to European directive 2012/19/EU in order to be recycled or dismantled. This will minimize the negative effects on the environment and human health resulting from the possibility of the presence in the equipment substances, mixtures and hazardous components. A user can give the product to a competent recycling organization, to WEEE collection points or to a distributor (in accordance with local regulations).