

MR40 QUICK SETUP GUIDE



Document revision

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1. INSTALLATION

Introduction

MR40 is a wireless router with 4 ethernet ports embedded and 2.4GHz and 5.8Ghz Wi-Fi interfaces. The router is provided with 2 Wi-Fi antennas (Marked 2.4/5.8) and 4 LTE/5G antennas.

Antennas connection



2. FIRST LOGIN

Introduction

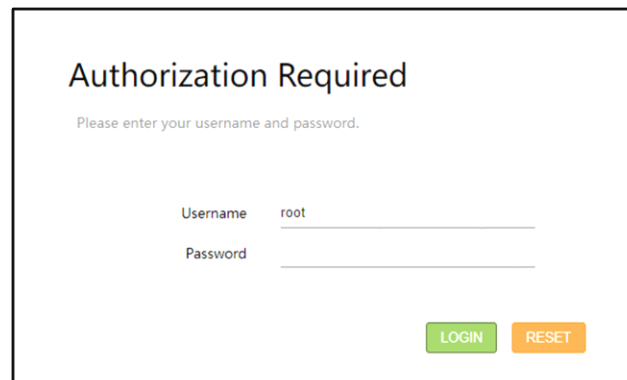
The first connection on your CPE can be done through LAN or through Wi-Fi.

To use the physical link, you need connect a LAN cable between a PC to your CPE (LANx port)

To use a Wi-Fi connection, the default SSID is MR40_XXXXX or MR40_5ghz_XXXXX (XXXXX are the last 5 digits of the serial number of the device) and the default password is 12345678.

Login

To access to your router interface, you need to enter the router's IP address (By default : 192.168.1.1) into your Browser.



Insert the default credentials that can be found on the back of the Router. (Default: Username : root / Password : admin)

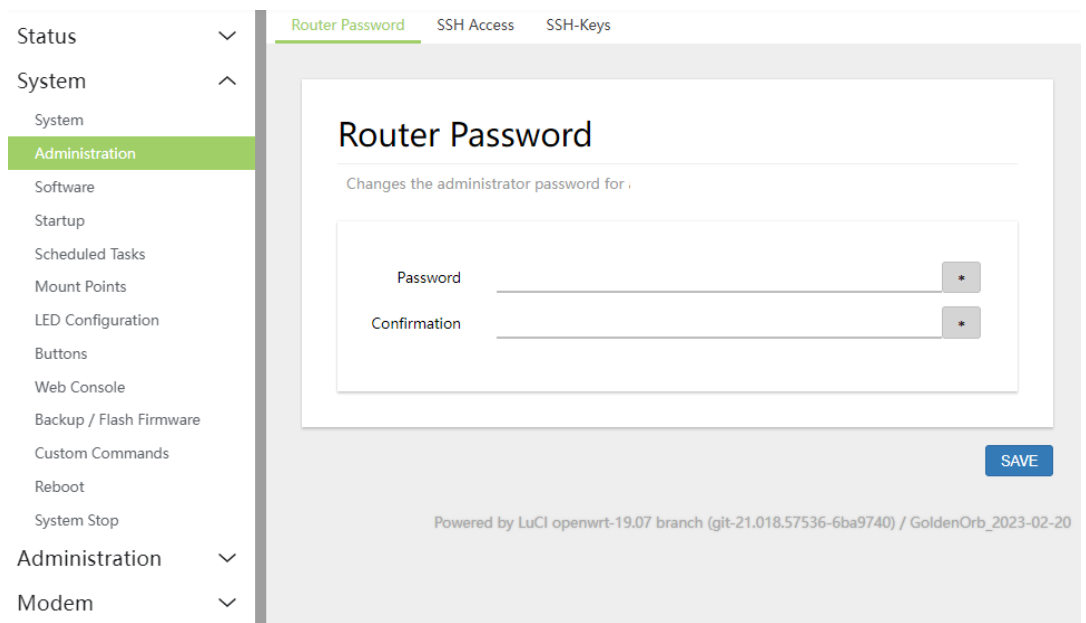
Credentials changing

After your successful login, the web interface will recommend you to change your password.

Note that **this is not mandatory, but strongly recommended!**

To change your login Password:

- On the web interface , in the side bar menu **System** , go to **Administration**.
- Input your new password and the confirmation.
- Click on '**SAVE**' button.



Your Router login password has been changed

3. WI-FI CONFIGURATION

3.1 CHANGE SSID WI-FI

Overview

Status

System

Administration

Modem

VPN

Services

Network

Wireless

Switch

Guest Wifi

DHCP and DNS

Hostnames

Static Routes

DNSmasq IP-Set

Firewall

Diagnostics

Load Balancing

Bandwidth Monitor

Wireless Overview

radio0

MediaTek MT7603E 802.11bgn

Channel: 11 (2.462 GHz) | Bitrate: 162 Mbit/s

SSID: MR40_01026 | Mode: Master

BSSID: 10:65:CF:40:10:05 | Encryption: WPA2 PSK (CCMP)

RESTART

SCAN

ADD

-56 dBm

DISABLE

EDIT

REMOVE

disabled

SSID: Hotspot Manager Interface | Mode: Client

Wireless is disabled

ENABLE

EDIT

REMOVE

radio1

MediaTek MT76x2E 802.11acn

Channel: 36 (5.180 GHz) | Bitrate: ? Mbit/s

SSID: MR40_5ghz_01026 | Mode: Master

BSSID: 10:65:CF:40:10:06 | Encryption: WPA2 PSK (CCMP)

RESTART

SCAN

ADD

DISABLE

EDIT

REMOVE

Associated Stations

Network	MAC-Address	Host	Signal / Noise	RX Rate / TX Rate	
Master "MR40_01026" (wlan0)	E4:A4:71:14:9F:E7	DESKTOP (192.168.1.155)	-57 dBm	108.0 Mbit/s, 40 MHz, MCS 5 162.0 Mbit/s, 40 MHz, MCS 12	DISCONNECT

SAVE & APPLY

SAVE

RESET

Powered by LuCI openwrt-19.07 branch (git-21.018.57536-6ba9740) / GoldenOrb_2023-02-20

Change Wi-Fi SSID

On your web interface , in the side bar menu **Network** , go to **Wireless**.

- Select a wireless connection and click on **EDIT** button.
- Change your SSID in General Setup.
- Press on **SAVE** then **SAVE & APPLY** button

3.2 CHANGE WI-FI PASSWORD

Overview

General Setup

Wireless Security

MAC-Filter

Advanced Settings


Mode

Access Point

ESSID

MR40_5ghz_01026

Network

lan: 

Choose the network(s) you want to attach to this wireless interface or fill out the custom field to define a new network

Hide ESSID

☐

WMM Mode

☒

DISMISS

SAVE

Change password

On your web interface , in the side bar menu **Network** , go to **Wireless**.

- Select a wireless connection and click on **EDIT** button.
- Change your SSID in General Setup.
- Press on **SAVE** then **SAVE & APPLY** button

MAKE SURE TO SAVE THEN PRESS SAVE & APPLY IN ORDER TO APPLY CHANGES!



4. ROUTER BASICS

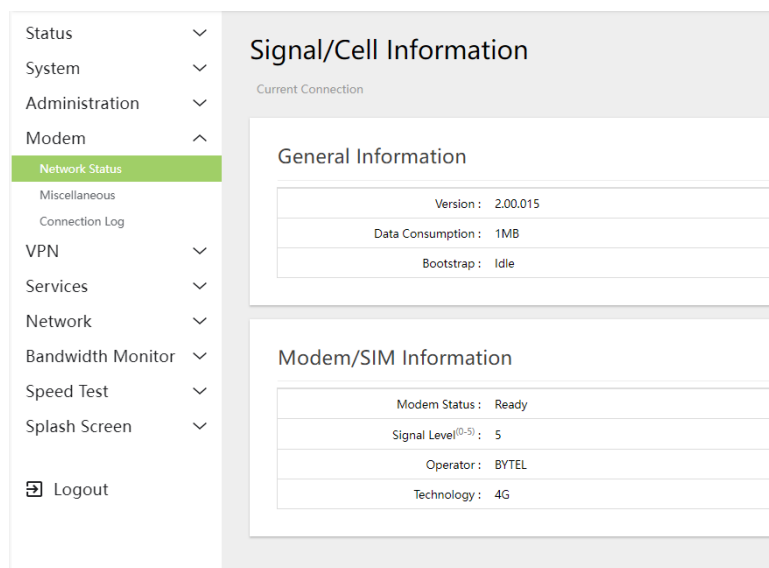
4.1 ROUTER STATUS

Introduction

On your web interface, in the **MODEM** tab , click on **NETWORK STATUS**



Your Modem will automatically assign an available sim card based on the physicality of your router , the status of your modem changes to **READY** in a matter of time.



Modem Status: Ready , Registered in 4G network.

YOU CAN NOW USE YOUR ROUTER !

4.2 LED LIGHTS SIGNIFICATION

Description

The MR40 product has in total 6 LED.

- PWR
- SYS
- 2.4G
- 5.8G
- 4G/5G
- USB

At Normal Usage , your router will have the power on LED in addition to Wi-Fi frequency LED lights on.

During an update or the starting-up the led SYS is blinking.

Overview



LED description

Mark	Description
PWR	Off: Powered Off On : Powered on
SYS	Off : System is running normally Blinking : Operation system on going (starting up, update...)
2.4G	Off: WIFI is off. On: WIFI is on. Blinking: WIFI has data traffic.
5.8G	Off: WIFI is off. On: WIFI is on. Blinking: WIFI has data traffic.
4G/5G	Modem registered to the network
USB	Data traffic

Tricks

The behavior of these LEDs can be modified in the side menu SYSTEM and the item LED configuration.

4.3 ROUTER UPDATE

Introduction

On the web interface, in side menu SYSTEM , go to BACKUP/FLASH FIRMWARE , then click on FLASH IMAGE.
Use the Browse Button to select the update file.

Uploading file...

- Name: MR40_SparQfi_20230110_2_00_012.zip
- Size: 14.98 MB

BROWSE...

CANCEL

UPLOAD

- Click UPLOAD , then check the box ("KEEP SETTINGS AND RETAIN THE CURRENT CONFIGURATION")
- Click CONTINUE.

IN AROUND 3 MINUTES , THE CPE WILL BE UPDATED AND YOUR ROUTER WILL BE UPDATED