85mm

150mm

GlocalMe

GuardFlex Pro User Guide



V1.0_20231128

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1.Download GlocalMe App
• Download and install GlocalMe app on your mobile phone



2.Create a GlocalMe Account (In App)
• Click【Login】-【Register】
• Follow the steps to register an account
(You can register with email or mobile phone number)



3. Link GuardFlex Pro to GlocalMe App
• Open GlocalMe App and click【Device】-【Add a device by QR code】
Scan the device QR-code on the back of the GuardFlex Pro



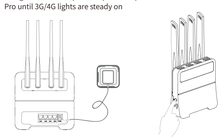
4. Purchase GlocalMe Data Plans (In App)
• Choose the data plans that suit your needs. (You might skip this step if you have ordered data plan while purchasing the device)



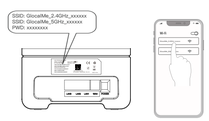
5. Install the antenna Remove the protective cover, plug in the antenna and adjust the direction.



6.Turn on GuardFlex Pro
• Plug in electric adapter and press the power button of GuardFlex Pro until 3G/4G lights are steady on



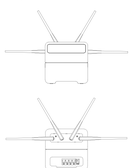
7.Connect To Wi-Fi
• Find the Wi-Fi network name and password at the back of GuardFlex Pro and connect the network on your mobile device(s) at Wi-Fi setting.



8.Connect to LAN (optional)
• You can also plug in the network cable through the LAN port and connect to your computer and other devices



9. Recommended placement angles for LTE external antennas to improve user experience.



【How To Use A Physical SIM Card?】
(GuardFlex Pro is default to run on GlocalMe Cloud SIM services, but it also supports local SIM cards)
• Turn Off GuardFlex Pro
• Insert the SIM card (see the direction showing at below graphic)
• Power on and wait until the 4G/5G light staying on.
• When the network is ready for access, connect your computer or smart terminal to the GuardFlex Pro via WiFi setting or Ethernet cable.
Type 192.168.169.1 into your web' s browser address bar to access the login page.
Enter the username "admin" and password "admin" to access the management page.
• Click【Network】-【Mobile Network Settings】-Select Mode【Physical SIM】-Click【Confirmation】



【Unlock the SIM Card (If PIN protected)】
• If your SIM card is protected by a PIN code, please insert the SIM card into your phone and follow the prompts on your mobile phone to unlock the PIN.

【Set The APN Manually】
If you still cannot connect to the network after the above steps, Access the web page entering 192.168.169.1 in the browser address bar. Click【Network】-【Mobile Network Settings】-Select Mode select【Physical SIM】Access Point Name(APN) setting APN, Click【Save】



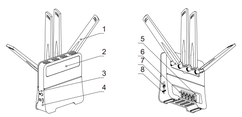
1. Indicator Status



Name	Description	Status	Status Description
POWER	Power Indicator	On	The device is powered on
		Off	The device is not powered on
Signal	Cellular Networks Signal strength Indicator	1 Bar	Weak signal
		2, 3 Bar	Moderate signal
		4Bar	Strong signal
Wi-Fi	Wi-Fi status	On	There are 2.4GHz and 5GHz Wi-Fi signals
		Off	There are no 2.4GHz and 5GHz Wi-Fi signals
4G/5G	Cellular Networks status	On	The cellular network can access the internet normally
		Off	The cellular network cannot access the internet
		Flashing	The cellular network is experiencing an issue
WAN	Wide Area Network	On	Connected via wired network
		Off	Disconnected from wired network
The Signal light, 4G/5G light, and WAN light are all flashing.		Restore to factory settings	
The Signal light, 4G/5G light, and WAN light are all flashing.		FOTA upgrade	

*Note: Please ensure that the device is always powered on during the upgrade process. Do not power off the device during the upgrade process to avoid device damage or data loss.

2.Product overview



1.LTE extension antenna
2.Indicator status
3.Power on/off button
4.SIM card slot
5.Power port
6.Network port
7.Wi-Fi Protected Setup button
8.Reset button

3.General questions
Q: The power light doesn't turn on when you power on the device.
A: Please ensure that the power adapter is properly connected and verify that the power button is pressed.

Q: I am unable to find the Wi-Fi network.
A: Firstly, check if the Wi-Fi light is on. If it is, verify if the SSID is correct or if it is set to hidden.
You can make the necessary changes by logging into the management page.
If the power light is on but the Wi-Fi light remains off, kindly contact customer service for further assistance.

Q: How many antennas are required for normal internet access?
A: For normal internet access, four antennas are required. Please verify if they are installed correctly.

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Q: How can I change the Wi-Fi name and password?
A: Follow these steps to change the Wi-Fi name and password: Power on the device and connect your computer or smart terminal to the GuardFlex Pro using Wi-Fi or an Ethernet cable.
Open a web browser and enter "192.168.169.1" in the address bar.
Enter the username "admin" and password "admin" to access the management page.
Navigate to【Network】-> 【Wireless 2.4GHz/Wireless 5GHz】-> 【Interface Settings】-> 【General Setup】and locate the SSID bar.
Modify the Wi-Fi name (SSID) accordingly and click "Save."Proceed to【Wireless Security】to modify the password and click "Save" to apply the changes.

4.Specification
• Certification Model No.：GLMR23A02
• Size：175*170*55mm
• Cellular Networks：
5G Network Data Rate Maximum Upstream: 211 Mbps
5G Network Data Rate Maximum Downlink:1.6 Gbps
• NA:
Main：
5GNR:n2/5/7/12/13/14/18/25/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79
LTE:B2/4/5/7/12/13/14/17/18/25/28/29/30/32/66/71/34/38/39/40/41/42/43/48/B46 (LAA)
WCDMA:B1/2/4/5/
• JP
Main：
5G NR:n1/3/8/12/18/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79
LTE:B1/3/8/18/19/25/26/28/29/30/32/66/71/34/38/39/40/41/42/43/48/B46 (LAA)
WCDMA:B1/3/4/5/8/19
• EAU：
MAIN
5G NR:n1/3/5/7/8/20/28/38/40/41/75/76/77/78
LTE：B1/3/5/7/8/20/28/32/71/38/40/41/42/43
WCDMA:Band B1/5/8
• WLAN:IEEE 802.11a/b/g/n/ac

• Wireless 2.4GHz connections：32
• Wireless 5GHz connections：32
• Network port:1 x 10/100/1000Mbps Adaptive WAN RJ45 Port
• Button: Power on/off button、WPS Button、RESET Button
• Power input: DC12V/3A
• SIM card: 1 x 2FF Standard SIM card slot
• Work environment：
Operating temperature: 0°C to +40°C
Storage temperature: -20°C to 75°C
Humidity: 5%~ 95%

Note:
Listed wireless data transfer rates are the theoretical maximum. The actual data transfer rate may vary depending on the network environment and carrier' s coverage.
For more information, please download the complete guide on glocalme.com/manuals. This manual is for reference only, the actual product shall prevail. The information is subject to change without notice.

Operation frequency (Max power)

Radio	Frequency	Max. power
WiFi 2.4G	2412-2472MHz	18.8dBm
WiFi 5G	5150-5250MHz	15.9dBm
	5725-5850MHz	13.9dBm
WCDMA	Bands 1/5/8	25dBm
LTE FDD	Bands 1/3/5/7/8/20/28	25dBm
LTE TDD	Bands 34/38/40/41/42/43	25dBm
LTE TDD	Bands 38/41/42/43 (PC2)	28dBm
5G NR	NR Bands 1/3/5/7/8/20/28/38/40	28dBm
5G NR	NR Bands 38(PUE1)/40(PUE1)/41/77/	28dBm
5G NR	NR Bands 41 MIMO/77 MIMO/78 MIMO (PC1.5)	30dBm

RF exposure statement
RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of 20 cm between the device and the human body. To maintain compliance with RF exposure requirement, use product that maintain a 20cm distance between the device and human body.
The device is restricted to indoor use when operated in the European Community using frequency 5150MHz-5250MHz to reduce the potential for interference.
Restriction in BE, BG, CZ, DK, DE, EE, IE, EL, ES, FR, HR, IT, CY, LV, LT, LU, HU, MT, NL, AT, PL, PT, RO, SI, SK, FI, SE, UK(NI).

EU Regulatory conformance
Hereby, UCLOUDLINK (SINGAPORE) PTE.LTD declares that the radio equipment type GLMR23A01 is in compliance with Directive 2014/53/EU and this product is allowed to be used in all EU member states. The full text of the EU declaration of conformity is available at the following internet address: www.glocalme.com

FCC Regulatory conformance
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter 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 user' s authority to operate the equipment.
Note: This equipment has been tested and complies with the limits for a Class B digital device, pursuant to part 15 of the 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 during installation. If the device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is suggested to try to correct the interference by the following measures:
--Reorient or relocate the receiving antenna.
--Increase the distance between the equipment and receiver.
--Connect the equipment to an outlet on a different circuit to the receiver.
--Consult the manufacturer or an experienced radio/TV technician for help.

Information on the disposal and recycling of the device
This symbol (with or without a solid bar) on the device, batteries (if included), and/or the packaging, indicates that the device and its electrical accessories (for example, a headset, adapter, or cable) and batteries should not be disposed of as household garbage. These items should not be disposed of as unsorted municipal waste and should be taken to a certified collection point for recycling or proper disposal. For detailed information about device or battery recycling, contact your local city office, household waste disposal service, or retail store.
Disposal of the device and batteries (if included) is subject to WEEE. Directive Recast (Directive 2012/19/EU) and Battery Directive (Directive 2006/66/EC). The purpose of separating WEEE and batteries from other waste is to minimize the potential environmental impacts and human health risk of any hazardous substances that may be present.
Do not disassemble or modify, do not short-circuit, do not dispose in fire, do not expose to high temperature, be disable after soaking. Do not squeeze or bump the battery. Do not continue to use if serious.

EC REP
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UK REP
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For more information, please download the complete guide on glocalme.com/manuals. This manual is for reference only, the actual product shall prevail. The information is subject to change without notice.





