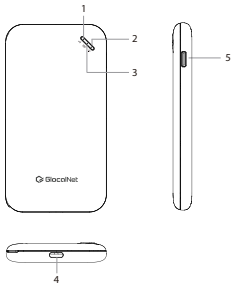
GlocalNet

E20 Manual

Copyright © 2025 GLOCALNET All Rights Reserved

Product overview



1.Signal Indicator
2. Wi-Fi Indicator
3. Battery Indicator
4. Type-C(Input)
5. Power button

Function Introduction

1. Power on: Press power button for 3 seconds.
2. Power off : Press power button for 3 seconds.
3. Restore Factory Settings : Enter "192.168.43.1" in the address bar of web browser, restore factory settings.
4. Reboot: Open the front shell press power button.

LED Indicator Type	Status	Remarks
Wi-Fi LED Indicator	Green flashing	Ready for internet connection
	Steady green light	Normal Network
	Steady red light	The network is abnormal and cannot be recovered. Restart the device
Signal LED Indicator	Green light (Ss)	Signaled
	Red light (Ss)	No Signal
	Steady orange light	The speed limit state
Battery LED Indicator	Green light (Ss)	Battery>50%
	Orange light(Ss)	Battery20~50%
	Steady red light	Battery<20%
	Steady green light	Charging (fully charged)
	Green flashing	Charging (power >50%)
	Orange flashing	Charging (power<50%)

Quick start guide

1.start the E20: press and hold the power button for 3 seconds.
2.connection to E20: when the Wi-Fi light turns on all the time, turn on the Wi-Fi function of the smartphone, select the SSID name shown in the main device, enter the password, and connect to the Internet. (Wi-Fi SSID name and password are on the sticker attached to the device.)
3. Device management: when connected to Wi-Fi on E20

Please enter the following information to log in.
Username: admin password: admin

Login password can be changed on the main screen, Settings, and WEB administrator.

Menu description

- Wi-fi: you can check SSID and change SSID/PASSWORD.
- Device access: check the number of connected devices and limit the number of connected devices.
- Sim card management: you can configure your own SIM card.
- Setting
- Language: (Japanese/we/simplified Chinese/traditional) language from.
- Web admin: here you can set a login password.
- Contact us: you can find your support contacts.
- Details: you can find model/version /IMEI/MAC address.
- Initialize device: used to initialize the device.
- Local firmware update: used to update the firmware with local data.

How to change SSID/PASSWORD

1. From the main screen, go to the Wi-Fi screen and enter the contents you want to change.

2. " Click the "save" button to confirm the changes.

3. When done, restart the device and connect with the new SSID/PASSWORD.

Use of SIM card

1.Only Micro SIM CARDS are supported.
2. Remove the front cover of the device and insert the SIM into the slot. (slide the slot cover down to open the cover.)
3.When you connect to E20 Wi-Fi, search "192.168.43.1" in the web browser and enter the user name (admin) and password (admin) to log in.
4.After logging in to the admin screen, switch to the SIM card communication Settings.
※When inserting or removing the SIM card, be sure to turn off the device.
※When using a SIM card, please pay attention to the amount of traffic and the presence of roaming.
※This product cannot be used with a PIN code locked SIM card. If the PIN code is locked on the SIM card, please unlock it by yourself before using it.

GlocalNet

2.4G WIFI: 2412-2472MHz, EIRP<20dBm
GSM900: Output Power<28dBm
Uplink: 880.2MHz~914.8MHz, Downlink: 925.2MHz~959.8MHz
DCS1800: Output Power<25dBm
Uplink: 1710.2MHz~1784.8MHz, Downlink: 1805.2MHz~1879.8MHz
WCDMA Band I: Output Power<25dBm
Uplink: 1920MHz ~ 1980MHz, Downlink: 2110MHz ~ 2170MHz
WCDMA Band VIII: Output Power<25dBm
Uplink: 880MHz ~ 915MHz, Downlink: 925MHz ~ 960MHz
LTE FDD Band 1: Output Power<25dBm
Uplink: 1922.5 ~ 1977.5MHz, Downlink: 2112.5 ~ 2167.5MHz
LTE FDD Band 3: Output Power<25dBm
Uplink: 1710.7 ~ 1784.3MHz, Downlink: 1805.7 ~ 1879.3MHz
LTE FDD Band 7: Output Power<25dBm
Uplink: 2502.5 ~ 2567.5MHz, Downlink: 2622.5 ~ 2687.5MHz
LTE FDD Band 8: Output Power<25dBm
Uplink: 880.7 ~ 914.3MHz, Downlink: 925.7 ~ 959.3MHz
LTE FDD Band 20: Output Power<26dBm
Uplink: 834.5 ~ 859.5MHz, Downlink: 793.5 ~ 818.5MHz
LTE FDD Band 28: Output Power<26dBm
Uplink: 704.5 ~ 746.5MHz, Downlink: 759.5 ~ 801.5MHz
LTE TDD Band 34: Output Power<25dBm
Uplink/Downlink: 2012.5 ~ 2022.5MHz
LTE TDD Band 38: Output Power<25dBm
Uplink/Downlink: 2572.5 ~ 2617.5MHz
LTE TDD Band 40: Output Power<25dBm
Uplink/Downlink: 2302.5 ~ 2397.5MHz

GLOCALNET CO.,LTD.
2-17-6 BIOPHILIA PLACE JIYUGAOKA 3F, Jiyugaoka,
Meguro-ku, Tokyo, 152-0035 Japan

Product Specifications

Brand: Glocalnet Model: E20
Package: E20 body, user manual, Type-C cable

Technical Specification:

- Size: 120×64.6×12mm
- Weight: 112g
- LTE FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/66
- LTE TDD: B34/38/39/40/41(194M)
- WCDMA: B1/2/4/5/8
- GSM: 850/900/1800/1900
- Max Upload Speed: 50Mbps ※1
- Max Download Speed: 150Mbps ※1
- Wi-Fi: IEEE802. 11b/g/n
- Radio frequency band : 2.4GHz
- Maximum number of simultaneous connections: 8 units
- USB port: Type-C (Input)
- Battery Capacity:: 3,000mAh
- Power Input: DC 5V/1A
- Encryption scheme: WPA2

Note:

Listed wireless data transfer rates are the theoretoical maximum.
The actual data transfer rate may vary depending on the network environment and carrier's coverage.

Frequently asked questions

1. How long will it take for the E20 to fully charge?
It takes about 4 hours.

2. How long will it last after 100% charging?
It can be used for up to 13 hours from full charge.

3. How many communication terminals (smartphones, etc.) can I connect to E20 at the same time?
Up to 8 devices can be connected at the same time. However, if you use many communication terminals, That's how much data can be consumed faster.

4. How far can I connect it?
If the signal is good and there are no obstacles, you can connect up to 10 meters, but we recommend using within 5 meters.

5. How long will it take to connect to the network after booting up?
The startup time varies depending on the environment and network conditions, but it usually takes 1-2 minutes. If it is the first time, it may take up to 10 minutes.

6. What should I do if my device is not responding (deadlock or booting normally) even though the battery is still low?
Press and hold the power button for 18 seconds to restart.

7.How do I use the SIM card and set up the APN?
After inserting the Micro SIM card, check "use SIM card".

Handling of adapter and USB charging cable

1.Do not use if the adapter or USB charging cable is damaged. (may cause fire, burns, electric shock, etc.)
2. Do not short-circuit the charging terminal while connecting it to an outlet or accessory socket. Also, do not let any part of your body, such as your hands or fingers, touch the charging terminals. (may cause fire, burns, electric shock, etc.)
3. Do not apply excessive force, such as pulling or pulling heavy objects on the adapter or USB charging cable. (may cause fire, burns, electric shock, etc.)
4. Do not touch any metals when unplugging the AC adapter into the outlet. (may cause fire, burns, electric shock, etc.)
5.do not apply excessive force to the connection part when the adapter is connected to this terminal. (may cause fire, burns, electric shock, etc.)
Do not touch the adapter cord, charging terminal or power plug with wet hands. (may cause fire, burns, electric shock, etc.)
7. Be sure to plug the adapter into an outlet or accessory socket. (if you do not insert it properly, it may cause fire, burn, electric shock, etc.)
8. When unplugging the power plug from an outlet or accessory socket, do not use excessive force such as pulling the adapter cord. (pulling the cord of the adapter may damage the cord, cause fire, burn, electric shock, etc.)
9. When plugging and unplugging the USB charging cable to the terminal, do not use excessive force such as pulling the cord. (if you do not remove it correctly, it may cause fire, burn, electric shock, etc.) If the charging terminal is bent or deformed, stop using it immediately. Also, please stop using undoing deformation. (a short charging terminal may cause fire, burn, injury, electric shock, etc.)
11. If not in use, pull the power plug from the outlet or accessory socket. (if you leave the power plug plugged in, it may cause fire, burn, electric shock, etc.)

CAUTION
A battery replaced by a battery of incorrect type, disposal by throwing into fire or a hot oven, or mechanically crushing or cutting can result in an explosion;
Leaving a battery in an extremely high temperature environment can result in an explosion or leakage of flammable liquid or gas;
A battery subject to extremely low air pressure may result in an explosion or leakage of flammable liquid or gas.

Warning
Specific Absorption Rate (SAR) refers to the rate at which the body absorbs RF energy. The SAR limit is 1.6 watts per kilogram in countries that set the limit averaged over 1 gram of tissue and 2.0 watts per kilogram in countries that set the limit averaged over 10 grams of tissue. During testing, the device are set to their highest transmission levels in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

EU Regulatory conformance
The device complies with RF specifications and when used with an accessory that contains no metal and that positions the device a minimum of 0.5 cm from the body.
The SAR limit adopted is 2.0W/kg averaged over 10 grams of tissue. The highest SAR value reported for the device when properly worn on the body complies with the limit. Hereby, GLOCALNET CO.,LTD.declares that this device is in compliance with the essential requirements and other relevant provisions of Directive (RED) 2014/53/EU.

FCC Regulatory conformance
For body worn operation, the device complies with FCC RF exposure guidelines and when used with an accessory that contains no metal and that positions the device a minimum of 1.0 cm from the body.
The SAR limit adopted by the FCC is 1.6W/kg averaged over 1 gram of tissue. The highest SAR value reported for the device when properly worn on the body complies with the limit.
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
Ocean Trading GmbH
Anhalter Str.10, 10963, Berlin, Germany
Tel/Mobile:0049-30/25758899
ear@oceantrading.de