Glooko Transmitter

Instructions for use – for Glooko users

glooko®
BETTER TOGETHER

Contents

Find your device


Glucose meter


CGM


Insulin pump


Insulin pen

General information

Product description

Glooko Transmitter is indicated for use by health care professionals in health care facilities to transfer predefined data from home monitoring devices to a server database.

About Glooko

Glooko offers health care providers an online solution that collects and stores all their diabetes patients' data centrally, without worrying about any software installation. No matter if the device transmits using a cable or infrared connection, all uploaded information will immediately be shown online in a secure Glooko account. All data from multiple devices will be consolidated and presented in one report.

Intended use

Glooko is a data management software intended for use in home and professional settings to aid individuals with diabetes and their healthcare professionals in review, analysis, and evaluation of device data to support an effective diabetes management program. Glooko connects to compatible medical devices and trackers to allow users to transfer their data to the Glooko system. Glooko is not intended to provide treatment decisions or to be used as a substitute for professional healthcare advice.

Warning!

Glooko does not measure, interpret, or make decisions on the data it conveys nor is it intended to provide automated treatment decisions or be used as a substitute for professional judgment. All medical diagnosis and treatment are to be performed under the supervision and oversight of an appropriate healthcare provider.

All patient medical diagnoses and treatments are to be performed under supervision of qualified healthcare professionals! Glooko is not intended to provide automated treatment decisions or to be used as a substitute for professional healthcare judgment. Glooko is not intended for emergency calls or for transmission or indication of any real-time alarms or time-critical data! Glooko is not intended as a substitute for direct medical supervision or emergency intervention.

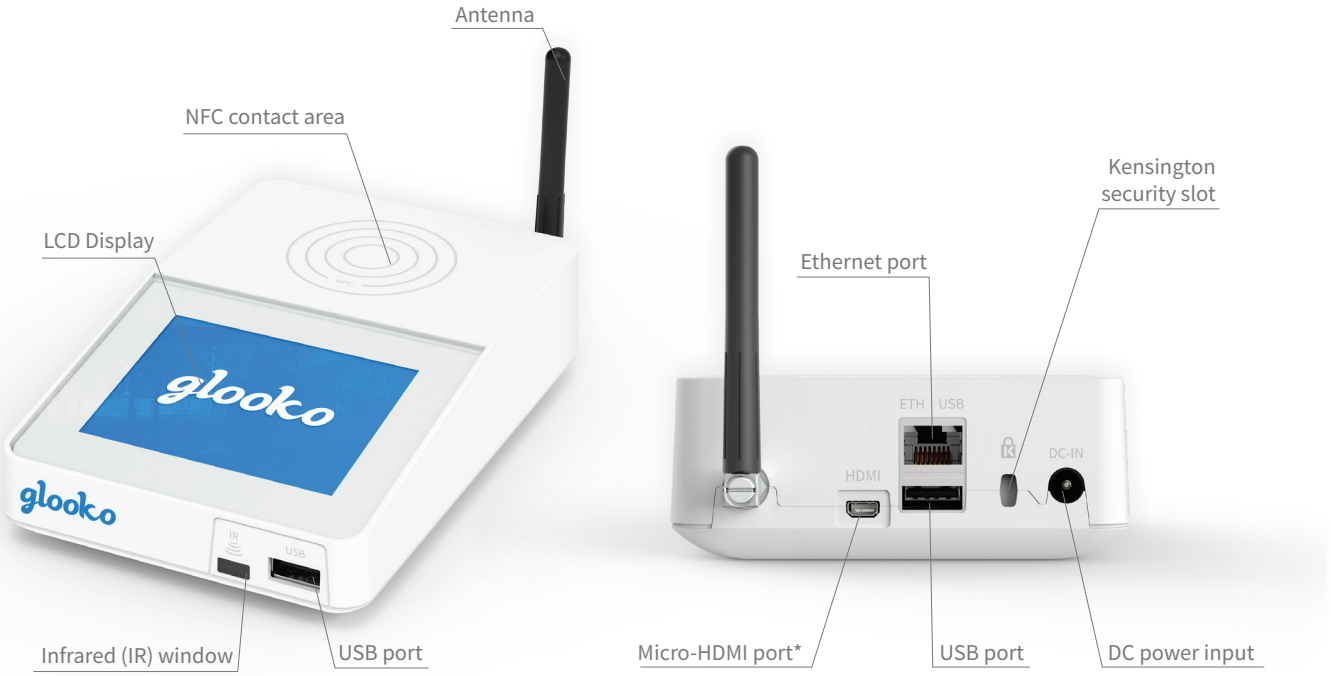
Getting started

You will need:

1. A compatible blood glucose meter, insulin pen, insulin pump or continuous glucose monitor (CGM);
2. Glooko Transmitter;
3. A Glooko account with Population Tracker access;
4. The device upload cable specific to the diabetes device. Please note that Glooko does not provide these cables. If you are missing a specific cable, please contact the device manufacturer.

Quick Tips

- No network connection? Try moving the Glooko Transmitter to a new location within your clinic keeping cellular network reception in mind.
- Device isn't uploading? Verify that the Glooko Transmitter displays "Ready to transfer" before connecting your diabetes device.

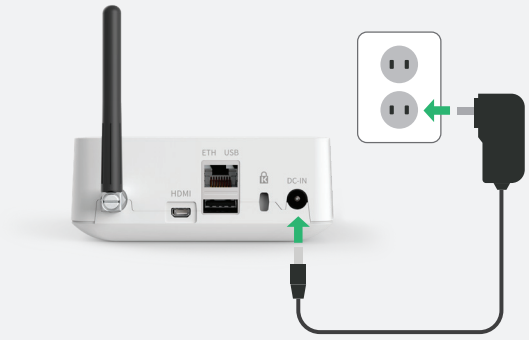


** The Micro-HDMI port is disabled.*

Setup of Glooko Transmitter

Setup without a cable box

1A Connect Glooko Transmitter



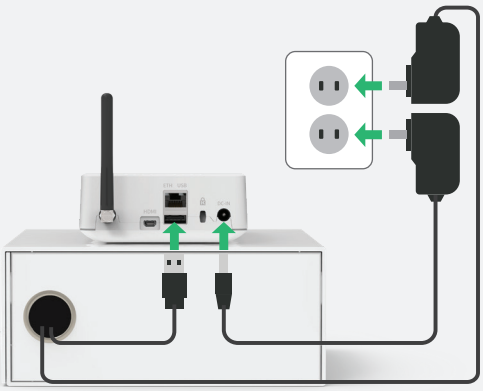
1. Connect the power supply, as shown above, and plug it into a power outlet.

2A Start up

1. Follow the on-screen instructions to complete the setup.
2. ”Ready to transfer” will be displayed when setup is done.

Setup with a cable box

1B Connect Glooko Transmitter and USB Hub



1. Place the USB hub inside the Cable box.
2. Connect the USB hub to Glooko Transmitter (using the USB cable) and plug its power supply into a power outlet.
3. Place Glooko Transmitter on top of the Cable box. Connect its power supply, as shown above, and plug it into a power outlet.

2B Start up

1. Follow the on-screen instructions to complete the setup.
2. ”Ready to transfer” will be displayed when setup is done.

Note: If you want to connect Glooko Transmitter to the Internet using Ethernet (instead of the built-in cellular connection). Plug in the Ethernet cable and Glooko Transmitter will configure itself. For further instructions see page 10.

3 Connect a diabetes device

Each diabetes device connects in one of the following manners:

- USB cable (USB port or USB hub)
- Infrared (built-in IR receiver or for some devices a SmartPix cable).
- NFC (Near field communication)
- BLE (Bluetooth Low Energy)

4 Upload data

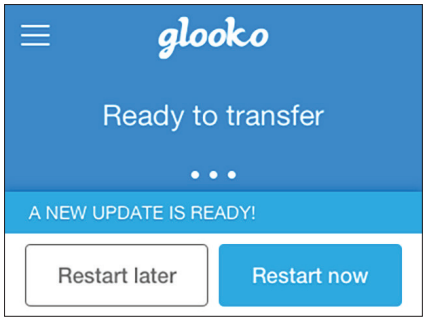
Follow the specific instructions on how to upload all compatible diabetes devices on page 11-19.
Your transfer is complete when your screen turns green.

5 Sign in to your Glooko account

Go to https://my.glooko.com to sign in to your Population Tracker. Navigate to the Assign Devices tab to retrieve the uploaded data.

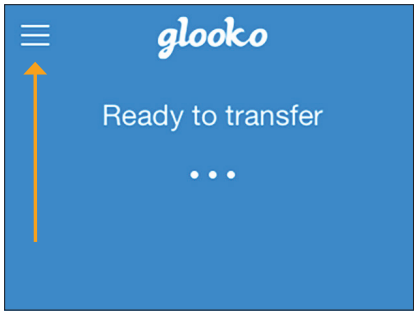
For more information about using Glooko Transmitter, please refer to the: Glooko for clinics - Quick Start Guide at https://support.glooko.com

Additional information



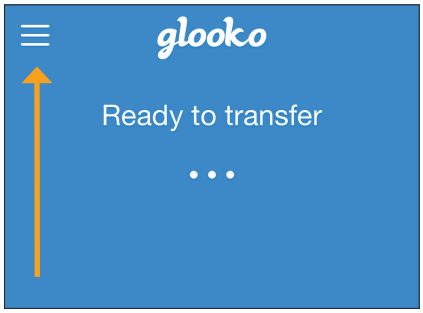
If an update is ready, you can choose to restart immediately. Otherwise Glooko Transmitter will update automatically after 10 hours.

If the upload process was unsuccessful you will be notified. Please follow the on-screen instructions.

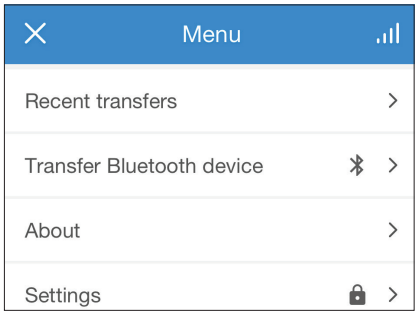


More functions are available by tapping the menu icon.

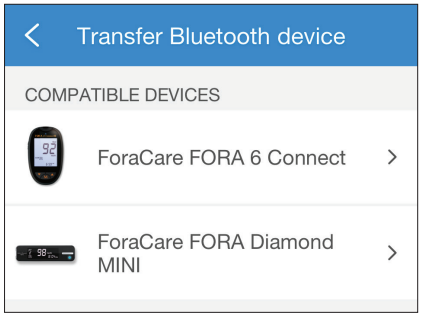
Transfer Bluetooth devices



Open Glooko Transmitter menu by tapping the menu icon.



Select "Transfer Bluetooth device".



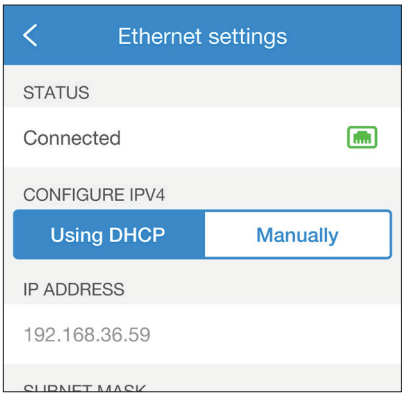
Select the device you want to transfer and follow the on-screen instructions.

Ethernet setup

When connecting an Ethernet cable, Glooko Transmitter will automatically try to connect to the Internet via Ethernet.

If you want to configure the Ethernet connection manually or read the MAC address, please go to:
Menu > Settings > Network settings > Ethernet settings

If the configured Ethernet network is not available, Glooko Transmitter will automatically revert to cellular connection.



Compatible devices and transmission methods

Below are instructions on how to upload diabetes data from a compatible device using Glooko Transmitter. Unless explicit upload instructions are provided for the device, you simply need to connect it to the Transmitter or USB hub with its specific USB cable or via IR, Bluetooth or NFC and it will upload automatically.

You will need a Glooko account with Population Tracker access. The data uploaded using Glooko Transmitter will synchronize with your Population Tracker account, which can be accessed with your Glooko professional account login information. Internet (cellular network or Ethernet connection) is necessary for the uploaded data to synchronize to the Glooko server.

Glooko Transmitter uploads glucose data from the meters, insulin pumps, and CGMs listed below. Please note that some of the diabetes devices may not be available in your market.

Glucose meters and CGMs - connected with USB cable

Note: If you have a USB hub connected to Glooko Transmitter, the USB hub must be powered by its own power supply.

Abbott

FreeStyle Freedom Lite	FreeStyle Lite	*Abbott FreeStyle USB cable (2.5 mm)*
FreeStyle InsuLinx FreeStyle Libre*	FreeStyle Precision Neo FreeStyle Optium Neo	*Micro USB*
Precision Xceed	Precision Xtra	*Abbott Xceed USB cable*

*Compatibility for FreeStyle Libre is restricted to Sweden and Norway by Abbott.

FreeStyle Libre 2 is currently not compatible.

Acon Laboratories

On Call® Advanced	On Call® Resolve	*On Call USB cable (2.5 mm)*
On Call® Plus	On Call® Vivid	*On Call USB cable (2.5 mm)*
On Call® Express On Call® Express II	On Call® Express Voice	*On Call USB cable (2.5 mm)*

Connect and press the meter's **M** and **S** buttons.

Connect and press and hold the meter's **S** button.

Glucose meters and CGMs - connected with USB cable

Continued from previous page

AgaMatrix

WaveSense Jazz™

AgaMatrix USB cable

Animas

OneTouch Ping (meter)

Mini USB

Connect and press the meter's power button.

Arkray

Glucocard 01 | Relion Confirm
Glucocard Vital | Relion Prime

Arkray USB cable (2.5 mm)

Glucocard Shine | Glucocard Shine XL

i-Sens USB cable (2.5 mm)

Connect and press any button.

Glucocard Shine Connex | Glucocard Shine Express

Micro USB

Glucocard Expression

Medcore Care + GlucoCard Expression USB cable (3.5 mm)

Connect and select **PC Link** in the main menu on the meter.

ReliOn Premier Blu (BLE) | ReliOn Premier Voice
ReliOn Premier Classic

i-Sens USB cable (2,5 mm)

Ascensia (Bayer)

Breeze 2 | Contour Plus

Bayer's blue USB cable (3.5 mm)

Contour
Contour Link
Contour Next EZ

Contour TS
Contour XT

Bayer's blue USB cable (3.5 mm)

Connect and press the meter's power button.

Connect and press the meter's **M** button.

Contour Next Link | Contour Next USB
Contour Next Link 2.4 | Contour USB

USB port on meter

Contour Care
Contour Fit
Contour Next
Contour Next (Bluetooth)

Contour Next one
Contour Plus one
Contour Plus Blue
Contour Plus Elite

Micro USB

Beurer

GL50 evo

USB port on meter

GL 44
GL 48

GL 49

Micro USB

Glucose meters and CGMs - connected with USB cable

Continued from previous page

Bionime

GE100

Bionime (Pura + Rightest) USB

Bioseven

lineaD ORO

Bioseven USB (2,5 mm)

GlucoRx

HCT
Nexus
Nexus Mini
Q

Mini USB

iCare

PalmDoc II

Mini USB

i-SENS

Alphacheck Professional

Mini USB

Connect and press the meter's power button.

CareSens BGM/Tee2
CareSens Dual
CareSens N
CareSens N POP
CareSens N Premier
CareSens N Voice
CareSens TEE2+
No Coding Plus

i-Sens USB (2,5 mm)

Connect then push the meter's **S** button (**C** button).

Infopia

Finetest Lite
GlucoLab

Infopia USB (2,5 mm)

Intuity

POGO® Automatic™

Micro USB

LifeScan

OneTouch Ultra
OneTouch Ultra2
OneTouch UltraEasy
OneTouch UltraMini

LifeScan USB (3.5 mm)

Connect and press any button.

OneTouch Select Plus
OneTouch Ultra Plus Reflect
OneTouch Verio
OneTouch Verio Flex
OneTouch Verio Reflect

Micro USB

OneTouch Verio IQ
OneTouch Verio Sync

Mini USB

Glucose meters and CGMs - connected with USB cable

Continued from previous page

Menarini

GLUCOCARD SM — *Micro USB*

GLUCOCARD G+ — *Menarini white USB (3,5 mm)*

GlucoMen LX2 — *Menarini blue USB (3.5 mm)*

If the meter displays: **E-3**, disconnect it wait until the display is off, then connect the meter again.

GlucoMen areo | GlucoFix Tech
GlucoMen areo 2K

Menarini GlucoMen areo USB (2,5 mm)

Nipro

4SURE Smart | 4SURE Smart Duo — *Micro USB*

Trividia (Nipro)

TRUE METRIX | TRUEresult
TRUE METRIX AIR | TRUEyou mini

Nipro TRUEresult USB docking station

Connect and place the meter in the docking station.

Prodigy

AutoCode — *Mini USB*

Roche Accu-Chek

Active | Guide Me
Aviva Connect | Instant
Performa Connect | Instanst S
Guide | Mobile (USB)

Micro USB

Once connected, upload should start within 20 seconds after connecting the cable. If not, go to the main menu on the meter. Go to **My data** > **Data Transfer** > **Reports**, and connect the meter to the USB cable again.
(Please do not hold down the two arrow buttons.)

Sanofi

BGStar | MyStar Extra — *Sanofi USB cable*

Wellion

Calla Light | Galileo GLU/KET
Calla Mini | Leonardo GLU/KET

Wellion Calla mini USB

Ypsomed

Mylife Aveo — *Micro USB*

Blood glucose meters - with infrared connection

Set the meter in upload mode by following the instructions below. Place the glucose meter's top end directed towards the IR window on Glooko Transmitter.

IR window on Glooko Transmitter

Please make sure to keep the device completely still during the upload. Do not remove the device until the screen displays: Transfer complete!

Roche Accu-Chek

Aviva Nano
Aviva Plus Black
Aviva Plus Silver
Nano
Performa
Performa Nano

With the meter off, activate IR transmission by pressing and holding the two arrow buttons until two arrows appear in the display.

Aviva Combo
Aviva Expert

In the main menu, go to **My data** and select **Data transfer**.

Compact

Activate IR transmission by pressing and holding the meter's two topmost buttons until two arrows appear in the display.

Compact Plus

Activate IR transmission by pressing and holding the buttons **S** and **M** below the display until two arrows appear in the display.

Glucose meters & CGMs - connected with Bluetooth or NFC

ForaCare

FORA 6 Connect
FORA Diamond MINI DM30
FORA GD40h

Please see the instructions regarding transferring Bluetooth devices on page 10.

Terumo

Medisafe Fit Smile

Place the glucose meter on the NFC pad on top of Glooko Transmitter – and follow the on-screen instructions.

CGMs - connected with USB cable

Note: If you have a USB hub connected to Glooko Transmitter, the USB hub must be powered by its own power supply.

Dexcom

G4 Platinum
G4 Platinum with Share
G5
Touchscreen Receiver (G5/G6)

Micro USB

If the upload doesn't start, disconnect the receiver, select Shutdown in the menu to turn the receiver off. Turn the receiver on again and connect it to Glooko transmitter.

Insulin pumps - connected with standard USB cable

Note: If you have a USB hub connected to Glooko Transmitter, the USB hub must be powered by its own power supply.

Equil/Wellion

MICRO-pump — *Micro USB*

Insulet

Omnipod® Dash™ System — *Micro USB*

Omnipod® System — *Mini USB*

1. Plug DASH™ into Transmitter with the USB-A to Micro cable.
2. Tap Export on DASH™.
3. Unplug DASH™, and plug it back in.
4. Once the upload is complete, Glooko Transmitter will display Transfer Complete.

Medtronic

630G | 670G
640G

USB port on meter

1. Connect a Contour Next Link 2.4 meter to Glooko Transmitter.
2. Follow the on-screen instructions to upload data from your Medtronic pump.

Roche

Accu-Chek Solo — *Micro USB*

1. Open the Main Menu on the hand unit for the pump.
2. Select USB in the Main Menu.
3. Connect the hand unit to Glooko Transmitter with the Micro USB cable.

Tandem

t:flex | t:slim X2
t:slim | t:slim G4

Micro USB

Insulin pumps - with infrared connection

For the Animas pumps, please make sure the pump is suspended and the screen is illuminated when transmission begins. The screen does not need to remain illuminated during the full transmission.

Keep the pump completely still, and do not remove the pump until the screen displays: Transfer complete!

IR window on Glooko Transmitter

Animas

OneTouch Ping (pump)
Vibe
Vibe Plus

1. Suspend the pump. (**MAIN MENU**, scroll to **Suspnd/Resum** and press **OK**; **Suspend** is highlighted).
2. Press **OK**.
3. Place the pump with its back towards the IR window on the Transmitter.
4. When the transmission is finished: Resume pump (**MAIN MENU**, scroll to **Suspnd/Resum** and press **OK**; Resume is highlighted). Press **OK**.

Insulin pumps - connected with infrared cables

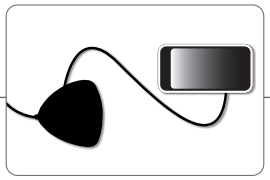
Compatible infrared cables

Roche Accu-Chek Smart Pix cable

Roche Accu-Chek Smart Pix 2 cable

Roche

Accu-Chek Aviva Insight
Accu-Chek Performa Insight



Smart Pix 2
Note! Connect the handset of your pump with a micro USB cable to the Smart Pix 2.

1. Connect the Smart Pix 2 cable to Glooko Transmitter and wait for the blue indicator on the Smart Pix 2 to start flashing slowly.
2. Connect the handset to the Smart Pix 2 with a micro USB cable.
3. In the handset menu select **Connect to PC** and press **OK**.
4. Ensure that the pump is within reach of the handset.
5. The blue indicator on the Smart Pix 2 is on while the data is being transmitted from the device to the Smart Pix 2.
6. The blue indicator turns itself off and both Smart Pix 2 and device emit a sound to signal that the data is being transmitted from the Smart Pix 2 to Glooko Transmitter. Do not disconnect the Smart Pix 2 yet!
7. Wait for Glooko Transmitter to confirm the upload was successful.

Roche

Accu-Chek Spirit Combo

Smart Pix or Smart Pix 2
Note! Smart Pix software version 3.02 or higher is required when using Smart Pix.

1. Connect the Smart Pix to Glooko Transmitter and wait for the blue indicator on the Smart Pix to start flashing slowly.
2. Put the pump in **Data Transfer Mode** (stop the pump and enter the **Data Transfer Menu**).
3. Place the pump with its IR window towards the Smart Pix. The blue indicator signals the data is being transmitted to the Smart Pix.
4. Wait for the blue indicator to start flashing slowly again or stop flashing altogether.
5. The data is now being transmitted from the Smart Pix to Glooko Transmitter. Do not disconnect the Smart Pix yet!
6. Wait for Glooko Transmitter to confirm the upload was successful.

Insulin pumps - connected with NFC

Terumo

Medisafe WITH

1. Make sure the main menu is showing on the remote control for the pump.
2. Place the remote control on the NFC pad on top of Glooko Transmitter – and follow the on-screen instructions.

Please note that the transmission symbol on the back of the remote control needs to be aligned with the center of the NFC pad on Glooko Transmitter.

Insulin pens - connected with NFC

NovoNordisk

NovoPen® 6
NovoPen Echo® Plus

Place the connected pen on the NFC pad on top of Glooko Transmitter – and follow the on-screen instructions.

Warning: *Changes or modifications to this unit 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 found to comply 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 in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

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.

FCC RF Radiation Exposure Statement Caution: *To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20 cm from nearby persons.*

The following information applies to Glooko Transmitters with serial numbers starting with 21 (e.g. S21XXXXXX) or lower (e.g. S20XXXXXX, S19XXXXXX, etc.).

Technical specifications

Enclosure protection	IP20 – Indoor use only
GSM/GPRS	850/900/1800/1900 MHz
Operating temperature	5 °C to 40 °C
UMTS/HSPA	850/900/1900/2100 MHz
Power supply	Input: 100–240V AC, 0.6A, 50/60 Hz
	Output: 12V DC, 2.0A, LPS

CE

Glooko AB
Nellickevägen 20
SE-412 63 Göteborg
SWEDEN

Glooko Inc
411 High Street
Palo Alto, CA 94301
USA

Support
support@glooko.com
https://support.glooko.com
1-800-206-6601

The following information applies to Glooko Transmitters with serial numbers starting with 22 (e.g. S22XXXXXX) or higher (e.g. S23XXXXXX, S24XXXXXX, etc.).

Technical specifications

Enclosure protection	IP20 – Indoor use only
CE	**GSM** : 900/1800 MHz **WCDMA**: Band I/VIII **LTE**: Band 1/8
FCC	**GSM** : 850/1900 MHz **WCDMA**: Band II/V **LTE**: Band 2/4/5/12
Operating temperature	5 °C to 40 °C
UMTS/HSPA	850/900/1900/2100 MHz
Power supply	Input: 100–240V AC, 0.6A, 50/60 Hz
	Output: 12V DC, 2.0A, LPS

CE

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EC REP

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