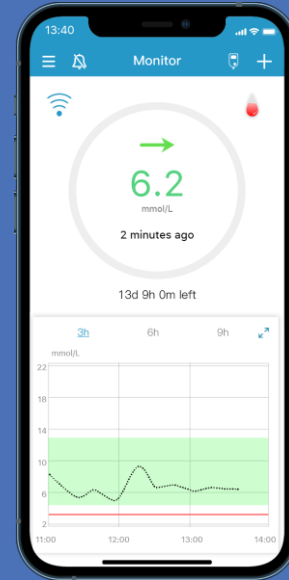


Medtrum CGM System

Quick Start Guide (mmol/L)



www.medtrum.com

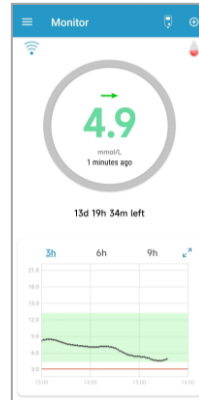
Simplifying Diabetes

Medtrum

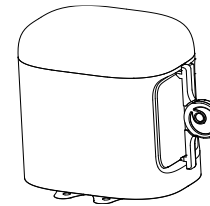
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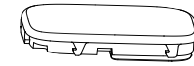
CGM System Overview



EasySense App



Glucose Sensor



Transmitter



USB Charging Cable

- The Glucose Sensor (MD3658 for 14 days) is inserted under the skin to measure your glucose level in interstitial fluid.
- The Transmitter (MD1158) records Sensor data and sends data to your smart device via Bluetooth Low Energy.
- Use a Transmitter charging cable or charging dock to charge the Transmitter. It is recommended to recharge the Transmitter after each sensor use. The indicator light will flash green when the Transmitter is charging, and turn off when the Transmitter is fully charged. Do NOT store the Transmitter connected with a Sensor or a USB charging cable. That may kill the transmitter battery.
- The Sensor (with Transmitter snapped in) is waterproof at 8 feet (2.5 meters) for 60 minutes (IP28).
- Store the Sensor at temperatures between 2°C (36°F) and 30°C (86°F).
- Store the Transmitter at temperatures between -10°C (14°F) and 55°C (131°F).

Smart Device Requirements

- IOS device: IOS 11.0 system or later
- Android device: Android 8.0 system or later

Set the following for your EasySense App:

- Bluetooth: Available and turn on
- Silent and Do Not Disturb: Turn off
- Volume: Loud enough for you to hear alerts and reminders.
- Internet: Make sure your smart device settings allow EasySense App to use WLAN and mobile data.
- Camera: Grant EasySense access to camera.
- Notifications: Turn on notifications for the EasySense App.
- Time: Do not change your smart device's time because it can make the time on the monitor screen wrong.
- Battery saving mode: Do not activate low battery usage mode. Otherwise, the app will stop uploading data in the background.
- EasySense App is open and running in the background.
- Restart the EasySense App after your smart device is restarted.

Recommended Smart Device Settings

See your smart device instructions to learn how to change its settings.

If you installed the App on an IOS device:

- Make sure the background refresh for EasySense App is turned on.

If you installed the App on an Android device:

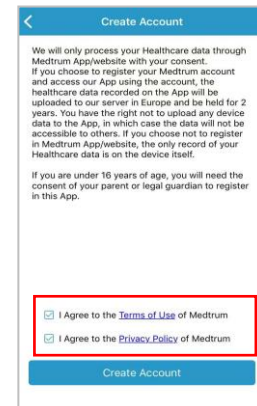
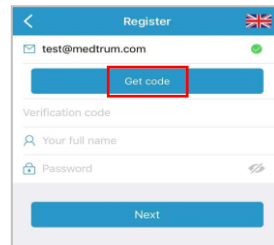
- For Android system 8.0 to 11.0, make sure you allow the App to access device's location so that the App can use the Bluetooth feature.
- For Android 12.0 system or later, make sure you turn on Nearby Devices so that the App can use the Bluetooth feature to connect other device.
- Make sure the EasySense App is locked in the background.
- Open auto run in the smart manage (Samsung).

1. Install the app

- **IOS** - Download EasySense App from Apple App Store.
- **Android** - Download EasySense App from Google Play.

2. Register

- Tap **Register** to enter the register screen.
- Tap the flag icon and select your Country / Region.
- Enter your email address, tap **Get code**, then check the Verification Code from the email you received.
- Enter the verification code, your full name and password.
- Read and agree to the privacy policy and terms of use, tick the small boxes and tap **Create Account** to register your Medtrum Account.



3. Login

Tap the national flag on the top right corner and select the country you chose upon registration, and then log in with your account and password.

EasySense Settings

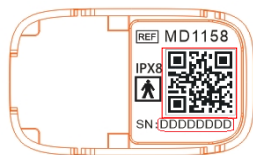
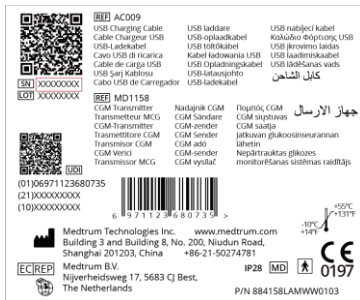
1. Set audio options

Main Menu → Settings → General Settings → Audio Options

We recommend that you turn **Audio** and **Vibrate** on. If you turn them both off, you might miss an alert. The snooze time can be set between 10 minutes and 3 hours.

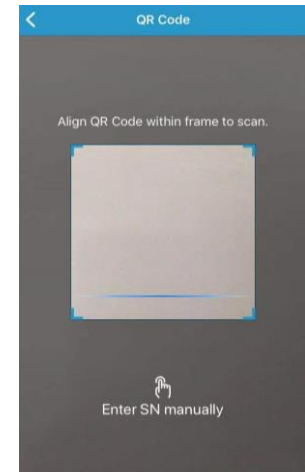
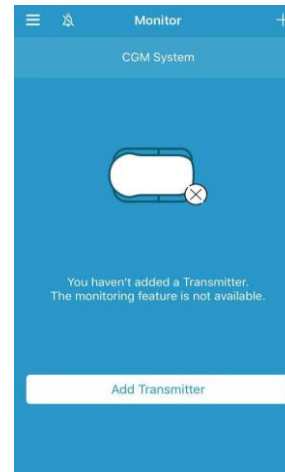
2. Find Transmitter SN

You can find the Transmitter SN on the product box or on the back of the Transmitter.

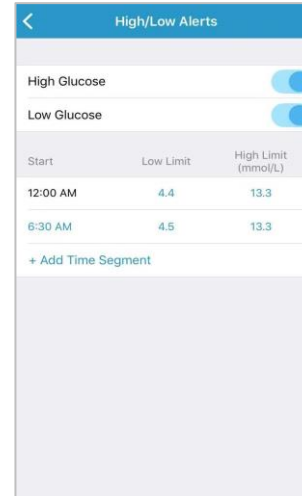
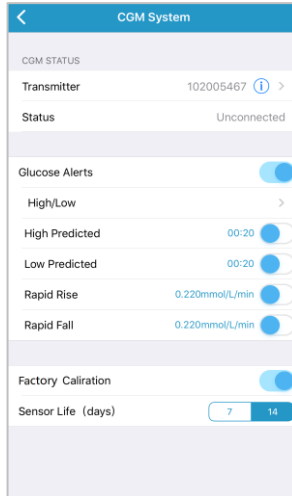


3. Add Transmitter SN

Tap **Add Transmitter** and add Transmitter SN by entering SN manually or scanning QR code.



Main Menu → CGM System → Glucose Alerts



Predictive Alerts

You will be reminded of a predicted high or low glucose value some time (the predictive alert time) in advance.

Rate Alerts

You will be reminded of a glucose rise or fall faster than the set rate limits.

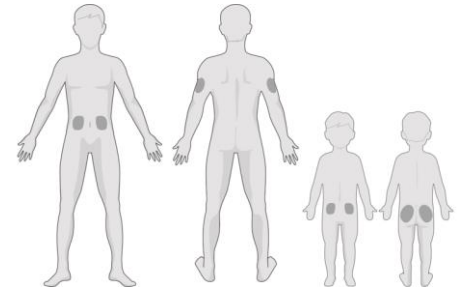
High/Low Alerts

- You will be reminded when your glucose is above the set High Limit / below the set Low Limit
- Up to 8 segments for each day

Apply Sensor

1 Select an insertion site

- Clean, less hair, no sweat, uncovered, enough fat (at least 5mm thick), away from insulin infusion site.
- Choose an insertion site on the upper arm, apply the Sensor vertically.
- If you choose an insertion site on your abdomen (buttock for children), apply the Sensor horizontally.

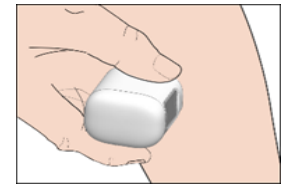
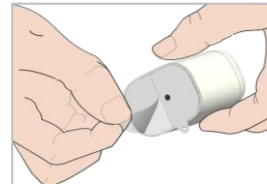
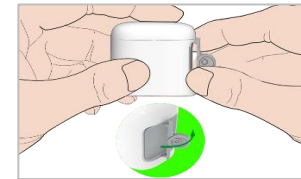


2 Prepare the insertion site

- Wipe the selected insertion area with rubbing alcohol and wait for the area to dry up.
- The Sensor adhesive stays more firmly on dry skin.

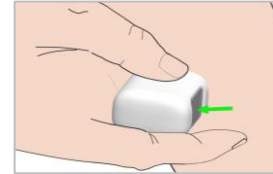
3 Place the Sensor

- Bend off the safety lock by pushing it to left or right
- Remove the protective liner from the sensor support mount.
- Place the Sensor and Squeeze the tab of the Safety Lock.



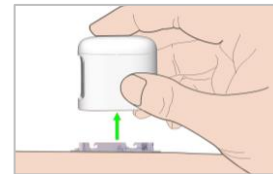
4 Insert Sensor needle

- Hold the inserter as shown on the right and press swiftly the inserter.



5 Remove the Inserter

- Lift the inserter vertically away from the mount.
- Only the Sensor support mount will be left on your body.
- Discard the sensor inserter into a sharp's container or a puncture-proof container with a tight lid.



6 Connect Transmitter

- Keep the transmitter parallel to the sensor support mount
- Snap the Transmitter in place
- The indicator light will flash green 3 times first then another 6 times within one minute



Start Sensor

1. Connect the Sensor

- Connect the sensor on Monitor Screen or CGM menu.

2. Enter the Sensor code

- If the Factory Calibration is turned on, you can enter the sensor code by scanning the QR code or manually entering the 4-digit code on the back of the sensor package, then the calibrations aren't required.
- If the sensor code is not entered, the sensor need to be calibrated twice on the first day.




3. Sensor Warm-up

- When connected, the Sensor will go through a warm-up period for 1 hour.

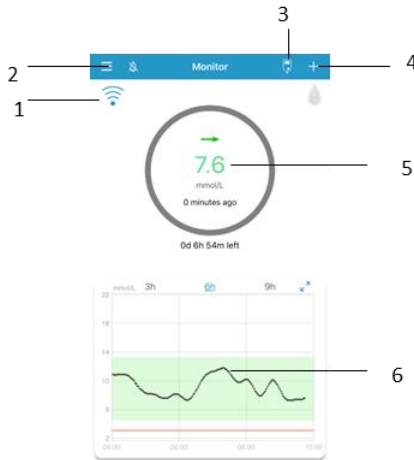


4. Calibrate the Sensor

- Tap the calibration icon  on Monitor Screen, enter BG and confirm the value.

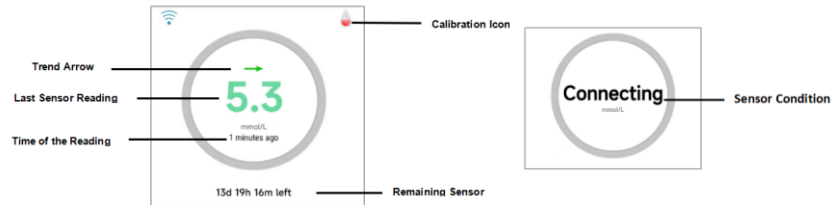


Home Screen



1. CGM Signal
2. Main Menu
3. Calibration
4. Add Event
5. Sensor Status
6. Sensor Trend Graph

Sensor Status



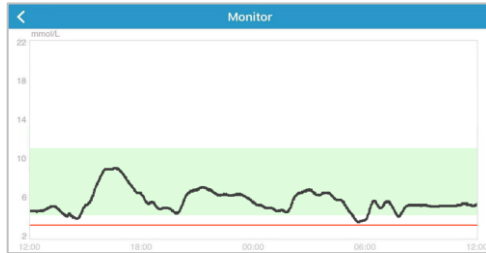
Sensor Condition

- **Warm-Up** - Sensor is warming up.
- **ERR** - Sensor shall be recalibrated after 15 minutes.
- **BG** - Sensor shall be recalibrated now.
- **???** - No readings.
- **LOST** - Sensor signal is lost.
- **HIGH** - Sensor glucose is above 22.2 mmol/L (400mg/dL).
- **LOW** - Sensor glucose is below 2.2 mmol/L (40mg/dL).
- **Underlined reading** (Only appears when no sensor code is entered) - Calibration overdue. A new meter BG is needed for calibration.
- **Connecting** - If this message remains for long time, it indicates Bluetooth communication issue or incorrect SN.
- **Connecting Sensor** - If this message remains for long time, it indicates sensor insertion failure.

Read CGM

Landscape View

Tap ↗ to view a graph in landscape mode



Detailed Glucose Information

Tap the Sensor Status area to go to Detailed Glucose screen



Main Menu

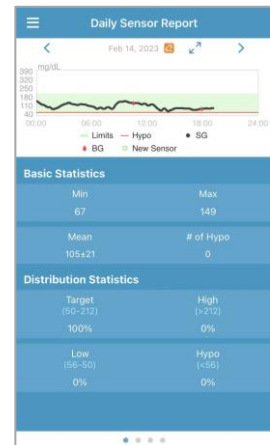
Tap ☰ at the top-left corner to open the Main Menu



Statistics

Main Menu → Statistics

Slide the screen to view four types of Statistics: Daily Sensor Report, Sensor Overlay, Trend Analysis and Event Summary.

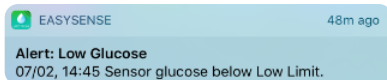


Alerts:

Alerts are triggered by conditions that may require your attention. Do not ignore the Alerts.

Clear an alert:

- Read the alert message on the App.
- Tap **OK** on the App to acknowledge the alert.
- Follow the instructions in the alert message.



App running in the background



App running in the foreground

Alerts Examples

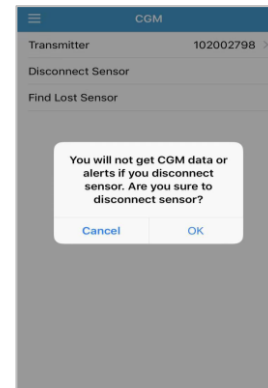
App Messages	Actions to Take
LOST SENSOR	Move your smart device close to the Transmitter.
METER BG NOW	Enter a new meter BG for calibration.
SENSOR CALIBRATION ERROR	Enter meter BG after 15 minutes.
SENSOR END IN 6 HOURS, SENSOR END IN 2 HOURS, SENSOR END IN 30 MINUTES	Change sensor in time
SENSOR EXPIRED, SENSOR FAILURE	Change Sensor now.
TRANSMITTER BATTERY LOW, CHARGE TRANSMITTER	Charge Transmitter in time.
NO READINGS	Check if the sensor gets bumped or dislodged. If not . If the sensor is dislodged, change sensor.
TRANSMITTER ERROR	Call customer support.
HIGH GLUCOSE, Low GLUCOSE, HIGH PREDICTED, LOW PREDICTED, RAPID RISE, RAPID FALL, BELOW 3.1 mmol/L (BELOW 56 mg/dL)	Check blood glucose and treat as necessary. Continue to monitor blood glucose.

Disconnect Sensor

Disconnect Sensor

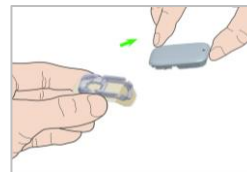
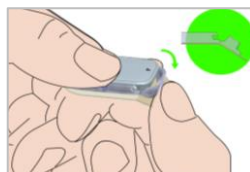
- If the Sensor Expiration alerts are on, each Sensor session will end automatically 14 days. After that, you can remove the Sensor from body.
- If you want to remove a Sensor before its expiration, you must disconnect it from your EasySense App first.

Main Menu → CGM → Disconnect Sensor



Remove the Sensor

- Remember to keep the reusable Transmitter.
- Connect a new sensor at least 90 seconds after you remove the old one.
- It is recommended to charge the Transmitter after each Sensor session.



Your Personal CGM Settings

Glucose Alerts

ON OFF

Glucose Limits (mmol/L)

Start Time	Low Limit	High Limit
:		
:		
:		
:		
:		
:		
:		
:		
:		
:		

Predictive Alerts

Type	Status / Time
High	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF
Low	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF

Rate Alerts (mmol/L/min)

Type	Status / Rate
Rise	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF
Fall	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF

Repeat/Snooze

High	/
Low	/
Others	/



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This product complies with Directive
93/42/EEC (MDD) and Directive
2014/53/EU (RED).

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IM883160WW-001
348503
Version: 1.09

Simplifying Diabetes

Medtrum