

User manual

CareSens® Air

CONTINUOUS GLUCOSE MONITORING SYSTEM

Continuous glucose
monitoring system



15-Day



One-Touch



Slim



i·sens



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This manual is intended to help you use CareSens Air correctly.

Please read this manual carefully before using the product, and follow all instructions.

i-SENS, Inc. has carefully prepared the information in this manual to be as accurate as possible.

However, i-SENS is not responsible for any errors or omissions contained in the manual. i-SENS may change the product described in this manual or any related software applications without notice in order to enhance the product reliability, features, or design. This document is protected by copyright. It is strictly prohibited to copy or alter this manual without prior consent from i-SENS.

 **Note**

Make sure to read the user manual before use to ensure correct usage. Failure to use CareSens Air according to the instructions, warnings, and cautions provided may lead to failure to detect severe hypoglycemia or hyperglycemia, or incorrect treatment decisions.

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Before use

- CareSens Air is intended for people aged 18 years or older who are diabetic or need glucose level management. It continuously monitors glucose concentration in intracellular fluid in real-time. Continuous glucose monitoring calculates the concentration of glucose in the blood by measuring the concentration of glucose in the interstitial fluid. However, when the concentration of glucose in the blood changes, the concentration of glucose in the interstitial fluid changes about 5 to 15 minutes later.
- This product only makes use of personal information which the user has agreed to allow to be collected.
- Contact the manufacturer or visit the website for details of this product.

Note

- All standards and regulations mentioned are in effect as of the date this manual was issued.
- Some features described in this manual may not be available in some countries. Please consult the local representative for region-specific information.
- The screenshots and illustrations in this manual are provided for explanatory purposes. They may differ from the actual appearance.

Document conventions

Notational conventions

This manual uses the following notational conventions to aid in understanding its content.

Notational conventions	Description
Boldface	Boldface is used to display elements of the graphic user interface, including menus and directories.
‘’	Single quotation marks are used to indicate pages, portals, and screens from the graphical user interface.
‘Cross-references’	‘Cross references’ are used to refer to different sections of this document.
Visual aids	Visual aids in the form of graphics, illustrations, or screen captures are used to help the reader understand the text.
Tables	Tables are used to present large amounts of data in an easy-to-read format.

Supplementary descriptions and explanations

You can refer to these for information about exceptions and limitations.

Note

This indicates reference situations to note which can provide helpful information or help you avoid danger when using the product.

Precautions

This manual uses the following types of safety messages to alert the user of situations in which they need to take precautions when using the product:

Warning

This marks a potential danger that could result in serious injury or death if not avoided.

Caution

This marks a situation that could result in minor injury or property damage if not avoided.

Definitions of symbols

The following table lists graphical symbols for electrical equipment in medical practice set by the IEC (International Electrotechnical Commission). These symbols not only provide additional information on the product and product use, but also on safety.

Symbol	Description
	CE Mark
	Authorized representative in the European Community/European Union
	Medical device
	Caution
	Do not reuse
	Please refer to the user manual
	Type BF Applied Part
	Keep away from sunlight
	Keep dry
	Do not discard this product with other household-type waste
	Temperature limit
	Humidity limitation
	Atmospheric pressure limitation
	Do not use if package is damaged and consult instructions for use
	Degree of protection against ingress of foreign material or water
	Sterilized using ethylene oxide
	Single sterile barrier system with protective packaging outside
	Manufacturer
	Batch code
	Serial number
	Use-by date date

Safety information

You must read, understand, and strictly comply with the indications, warnings, and precautions listed in this chapter before using CareSens Air.

Contraindications

- Remove the sensor before an MRI, CT scan, radiofrequency ablation, high-frequency electrical heat, or high intensity focused ultrasound. Magnetic fields or heat can damage the device, leading to inaccurate glucose level readings or alert errors.
- This product should not be used by those who are pregnant, nursing, on dialysis, critically ill or under the age of 18.

Warnings

- Severe hypoglycemia or shock may result in abnormal measurements. Do not use this product for patients with severe symptoms, as ketoacidosis or a hyperosmolar hyperglycemic nonketotic state may result in abnormally low measurements.
- If you use an insulin pump, attach the sensor at least 8 cm away from it.
- If a sensor sensing part breaks or disconnects in the process of attaching the sensor, you must check whether the sensing part has remained under the skin. If you cannot see the sensing part with the naked eye, seek medical help. If you experience inflammation, redness, swelling, or pain due to an infection at the site where the sensor was attached, seek assistance from a medical professional.
- If you experience bruising or severe bleeding at the location where the sensor has been attached, stop use and remove the sensor, then consult immediately with a physician or medical professional.
- In the event of slight bleeding when attaching the sensor, an improperly attached sensor, or abnormal measurements, you must remove the sensor and attach it to a different part of the body.
- The adhesive tape used to secure the sensor to the skin and the guide needles used to help with sensor insertion may trigger allergic reactions (erythema or edema) or itchiness in some users. If this occurs, remove the adhesive tape and/or sensor immediately and consult a physician or medical professional.
- Swallowing the sensor could result in choking. Please supervise the children so that they do not touch the sensor.
- CareSens Air app data may be lost if it is not uploaded to the cloud server.
- If you delete the smart device app while using the sensor, all the data saved by the app will be lost. If you need to delete the app or switch to a different smart device, upload all important data to the cloud server and save a backup file on a separate storage device.

Warnings

- Wash your hands thoroughly with soap and running water and dry them before attaching the sensor. Wipe the area where the sensor will be attached to the skin with an alcohol swab and dry it completely. Failure to comply may lead to infection.
- Blood glucose readings obtained using CareSens Air cannot substitute for the care of a medical professional and cannot be used to diagnose diabetes. They are only intended to provide glucose data to patients in order to help them manage their diabetes, and to assist medical professionals with diagnosis and treatment.
- The user should not make treatment decisions on their own based on the glucose data obtained with this product. Make treatment decisions after consulting with a medical professional.
- Do not use the product if the sensor package has been damaged or opened. This may lead to infection.
- Keep the desiccant included in the package out of the reach of infants or children.
- Do not eat the desiccant included in the package.
- If the contents of the desiccant get in your eyes, wash them thoroughly with running water right away. You should consult a physician if you experience any problems.
- Choose a new location to attach each new sensor. Continuing to attach new sensors to a previously used location may cause skin irritation or scarring.
- The location chosen for insertion must meet the following criteria:
 - It must be at least 8 cm away from an insulin pump infusion set or infusion location.
 - It must not be close to the waistband, tattoos, bone, scars, or irritated skin.
 - It must be a location which will not be bumped, pushed, or pressed during sleep.
- After you separate the safety cap from the applicator, be careful not to print it toward any person.
- Do not press the release button on the applicator until you are ready to attach the sensor.
- Do not calibrate if your blood glucose level is changing rapidly (by 2 mg/dL (0.1 mmol/L) or more per minute). This may affect the accuracy of the sensor.
- Do not use a damaged or defective sensor. This may lead to infection.
- The sensor must be used according to the guidelines in the user manual and must be attached to the part of the body as indicated in the user manual.
- Attach the sensor to the back of your upper arm. There is insufficient evidence that the sensor operates correctly when attached to another part of the body.
- The sensor should be attached immediately after opening the applicator package to avoid airborne contamination.
- Calibration must be conducted immediately upon the occurrence of the calibration alert. Otherwise, the accuracy of readings may decrease.

Warnings

- Do not use a measurement taken from any part of the body (palm, forearm, etc.) other than your fingertip for calibration. The result may be different from one taken by pricking a finger, and this can affect the accuracy of the sensor glucose readings.
- If the result of the finger prick reading is lower than 10 mg/dL (0.6 mmol/L) or higher than 600 mg/dL (33.3 mmol/L), it cannot be used as a calibration value.
- If a blood glucose level alert occurs, check your glucose level using a glucose meter. If the result is the same, consult with a physician or medical professional.
- Do not remove the safety cap of the applicator until you are ready to attach the sensor. Failure to comply may lead to infection caused by exposure to bacteria.

Precautions

- The applicator and the sensor are intended for single-use only and cannot be reused.
- If a skin care product such as sunscreen or insect repellent gets on the sensor, wipe it immediately with a clean cloth. These products may affect the operation of CareSens Air.
- The dedicated sensor, applicator, and user app must be used together to obtain accurate measurements.
- Do not store the sensor in a freezer. It is recommended to store it at a temperature of 5–30 °C.
- The sensor has been sterilized with EO after packaging. Do not clean the product with water or any other solution before use.
- Do not use an expired sensor.
- Do not repair this product without the authorization of the manufacturer.
- Do not repair, disassemble, and assemble the product on your own.
- Do not use a damaged device. The product may not function normally.
- Do not disinfect the product. CareSens Air has already been sterilized. Failure to follow this instruction may affect product performance.
- This product is composed of highly sensitive electronic components and thus can be easily damaged by improper use. User precautions must be taken when using the device to avoid damage.
- The product is waterproof for up to 24 hours at a depth of 1 meter. Please do not submerge the product deeper than 1 m or longer than 24 hours.
- You can go through Advanced Imaging Technology (AIT) body scanners or metal detectors while wearing the CareSense Air. If you cannot temporarily use your smart device in the security checkpoint area, please measure and manage your blood glucose levels using a blood glucose meter. Please check the latest status of security checkpoints at the airport prior to travel.
- Do not expose the product to direct sunlight. This may affect product life and performance.
- Do not wash the sensor. Using an unsuitable solution could damage the device.
- When using iOS, never close the app after connecting the sensor. It will be disconnected from the sensor.

Risks and benefits

Risks

The Risks of Using CareSens Air are:

- Missing your alerts
- Adhesion reactions
- Retained sensing part

Missing your alerts

In order not to miss the alerts from the CareSens Air, your smart device must follow the settings recommended by i-SENS. For detailed information, please refer to settings > tutorials > using alerts > changing your smart device settings in the CareSens Air app. See the “recommended smart device specifications”, “using alerts”, and “frequently asked questions” in the user manual for more information.

Adhesion reactions

The skin adhesive tapes and sensor tapes used in the CareSens Air have passed the biological stability test. Adhesion reactions are mild or do not occur at all in most cases. Some people who took part in the clinical study experienced some redness and swelling and did not pose a major medical risk.

Retained sensing part

The sensing part of the CareSens Air sensor is unlikely to break or disconnect to remain under the skin as it never did in clinical trials. Sterilized sensing parts that are left under the skin do not usually pose a significant medical risk. If the sensing part breaks or disconnects and remains under the skin, showing signs of infection or inflammation, please contact your healthcare provider or the nearest authorized distributor.

Benefits

Benefits of Using Your CareSens Air are:

- Preventing hyperglycemia and hypoglycemia with high and low glucose level alerts
- Tracking glucose trends and patterns for better diabetes management

Tracking trends and patterns

CareSens Air helps to detect hyperglycemia and hypoglycemia by providing continuous blood glucose information, manage changes in blood glucose levels through analyzing trends and patterns, encourage you to make better decisions on food and exercise habits, and assist in diagnosis and treatment when consulting with medical staff.

Keeping informed

If you have diabetes, it is extremely important to manage your glucose levels in real time. The CareSens Air uses alerts to notify you when your glucose level is too high or too low, or rapidly changing. With the alerts, you can better manage your diabetes.

1 Understanding CareSens Air

Intended purpose

The CareSens Air Continuous Glucose Monitoring System (CGMS) is indicated for continuous monitoring of blood glucose levels via measurement of glucose in the interstitial fluid in patients with diabetes mellitus aged 18 years and older. CareSens Air CGMS is indicated for use as an adjunctive device to complement blood glucose information obtained from standard home glucose monitoring devices and does not replace it. CareSens Air CGMS helps to detect trends such as hyperglycemia and hypoglycemia by providing continuous blood glucose information, to manage changes in blood glucose levels through trend detection and pattern tracking, and to assist in diagnosis and treatment when consulting with medical staff. CareSens Air CGMS results should not be used to diagnose diabetes nor provide any medical decisions. CareSens Air CGMS is intended for use by patients at home and in healthcare facilities.

Warning

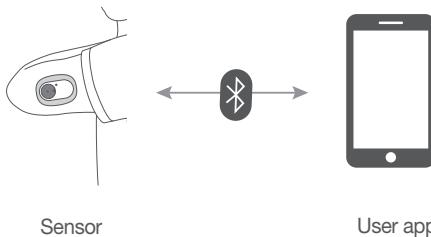
Glucose readings obtained from CareSens Air cannot substitute for professional medical care. They are only intended to provide the patient with data on glucose level changes in order to help with diagnosis and treatment through consultation with a medical professional.

Significance of use

Conventional glucose meters measure blood glucose levels at specific times, and do not show how the level is changing or give an overview of glucose level changes over time. However, CareSens Air helps manage diabetes by continuously measuring glucose levels in intracellular fluids and providing the user with data on trends in glucose level changes.

Continuous glucose monitoring calculates the concentration of glucose in the blood by measuring the concentration of glucose in the interstitial fluid. However, when the concentration of glucose in the blood changes, the concentration of glucose in the interstitial fluid changes about 5 to 15 minutes later.

Operating mechanism



The user attaches the sensor to their body by pressing the Release button of the applicator. The sensor attached to the rear of your upper arm measures glucose levels in intracellular fluid and sends the measurements to a smart device.

All the data on your smart device can be backed up on a cloud server to prevent loss of data. Healthcare professionals can refer to the blood glucose values and trends taken by the CareSens Air sensor to help with diabetes management.

The user can monitor the blood glucose level data received from the sensor in the CareSens Air app on a smart device. You can also use the app to record information on life events and to input calibration values taken with a glucose meter, which can lead to more effective diabetes management.

1.1 Product components

CareSens Air is only designed for single-use. Once it has been attached, a sensor cannot be re-used.

The contents of the package are as follows. Make sure that all of the contents are present before opening the package.

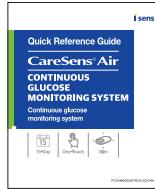
Warning

- Do not use the product if the sensor package has been damaged or opened. This may lead to infection.
- Keep the desiccant included in the package out of the reach of infants or children.
- Do not eat the desiccant included in the package.
- If the contents of the desiccant get in your eyes, wash them thoroughly with running water right away.

You should consult a physician if you experience any problems.



Applicator



Quick Reference Guide



User manual

Note

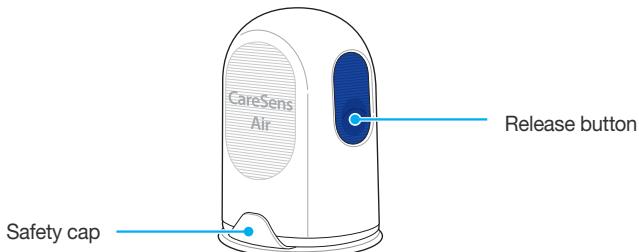
- The sensor is inside the applicator.

Applicator

The applicator is used to protect the sensor and attach the sensor to the skin.

Note

- The applicator is intended for single-use only and cannot be re-used.
- Do not press the Release button until you have removed the safety cap of the applicator and are ready to attach the sensor.



The following names are used for the parts of the applicator:

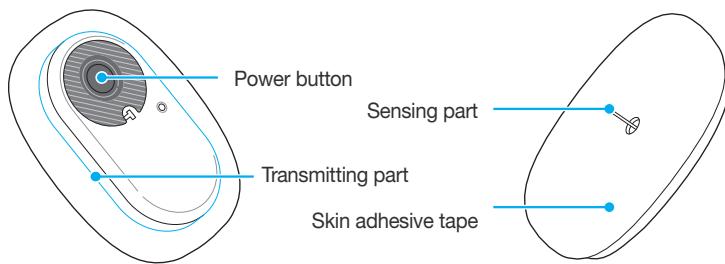
Name	Function
Safety cap	This prevents the sensor from being released unintentionally.
Release button	When this button is pressed, the sensor is released and attaches to the user's body.

Sensor

The sensor measures glucose levels and sends the readings to a smart device.

Note

- The sensor is water resistant. It can be submerged in up to 1 meter of water for up to 24 hours.
- Solid foreign substances measuring 1.0 mm or larger cannot enter the sensor.
- The smart device and the sensor must be kept within 6 meters of each other. The transfer range of the sensor decreases when it comes into contact with water.
- The battery of the sensor has a life of 15 days. An alert will occur when the battery begins to run out.



The table below shows the names and functions of the sensor's various parts.

Name	Function
Power button	Turns on power to the sensor.
Transmitting part	It has a built-in battery and transmits the glucose concentration value measured through the sensing part to the user app.
Skin adhesive tape	Attaches the sensor to the user's skin.
Sensing part	Measures the user's glucose levels.

Smart device

You can use the CareSens Air application to monitor your glucose levels.

Note

- Scan the barcode on the sensor package label to connect the sensor to your smart device. For more information, please refer to '[Connecting the sensor to Android apps](#)' or '[Connecting the sensor to iOS apps](#)'.



1.2 Conditions for use

Expiration date

The sensor's product shelf life is 12 months after its date of manufacture. The expiration date is indicated on the sensor package label. Check the sensor expiration date before using the product.

The sensor can be used for 15 days, and it cannot be re-used. The sensor must be disposed of once it is expired.

Different countries may have different regulations on how to dispose of a medical device that has been in contact with bodily fluids. Follow your country's regulations for disposing of medical waste.

Refer to '[7.3 Disposing of this product](#)' for more information on sensor disposal.



Do not use an expired sensor.

Conditions for use and storage

The following table explains the necessary environmental conditions for storing, transporting, and using CareSens Air.

Category	While in use	While storing or transporting
Temperature	10 °C – 42 °C	5 °C – 30 °C
Humidity	10 %-95 %	15 %-85 %
Altitude	-382 m –3,011 m	-382 m –3,011 m
Pressure	700 hPa-1,060 hPa	700 hPa-1,060 hPa



2 Installing the CareSens Air app

You can use the CareSens Air app to monitor glucose readings from the sensor in real time.

The following smart device specifications are required to install the app.

Recommended smart device specifications

Your smart device must meet the following specifications for you to be able to install the app.

The following smart device operating systems have been verified as compatible with the CareSens Air app by their manufacturers.

Note

- Make sure that you connect your sensor to a smart device that meets the recommended requirements. Smart devices with operating systems which have not been verified as compatible by the manufacturer are not guaranteed to operate normally.
- You must check the OS version of your smart device before installing the app. The app may not function properly if you update the OS of your smart device after installing the app.
- You can set the date and time automatically from the Settings menu of your smart device. If the date and time are not set automatically, you must set them manually if you travel to a different time zone.

Operating System	VERSION	Manufacturer
Android	Android 7.0 or higher	Samsung, Google
iOS	iOS 13.2 or higher	Apple

2.1 Installing the app on an Android smart device

- 1 Tap  to launch the Play Store app on your Android smart device.
- 2 Type "CareSens Air" into the search bar of the Play Store, then tap .
- 3 Select the CareSens Air app from the list of apps and tap **Install**.
- 4 Wait for installation to be completed, then tap **Open**. The CareSens Air app will launch.

2.2 Installing the app on an iOS smart device

Note

Do not install the app on an iOS smart device that has been jailbroken or an Android smart device that has been rooted.

The app may not function properly.

- 1 Tap  to launch the App Store on your iOS smart device.
- 2 In the App Store, tap  and enter "CareSens Air" into the search bar.
- 3 Select the CareSens Air app from the list of apps and tap **Install**.
- 4 Enter your Apple ID and password.
- 5 Wait for installation to be completed, then tap **Open**. The CareSens Air app will launch.

3 Using the app

The CareSens Air app allows users to monitor the glucose readings taken by the sensor on their smart devices. You must be registered in order to log in to the CareSens app. Any data stored in the CareSens Air app can be uploaded to the cloud server and stored in encrypted form.

In the event that your data is lost, it can be retrieved from the backup data stored on the cloud server.

The glucose change arrows, glucose trends, events, and calibration values available on the app allow you to manage your diabetes more effectively.

This section will help you to:

1. Register for and log in to the app
2. Connect the app with the sensor to allow stable operation
3. Use the app to configure your glucose monitoring environment
4. Learn to interpret your glucose levels and the glucose trends shown in the app
5. Learn about and use the features provided by the app

Caution

If you delete the smart device app while using the sensor, all the data saved by the app will be lost.

If you need to delete the app or switch to a different smart device, upload all important data to the cloud server and save a backup file on a separate storage device.

3.1 Logging in

To use the CareSens Air app, you need to register an account and log in to it. When registering an account you will enter your user information, and then your email address will be verified. The app only provides data on the user currently logged in.



The CareSens app requires permission to use the following features of your smart device:

- Android: Location, Storage, Phone, Alerting, Camera
- iOS: Storage, Phone, Alerting, Camera

For first-time users

If you sign up for an integrated i-SENS account, you can use all i-SENS apps with one account.

Follow the steps below to sign up for an integrated i-SENS account.

- 1 Run the **CareSens Air user** app on your smart device.

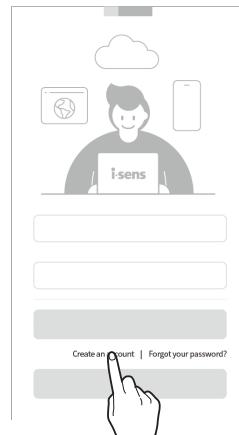


CareSens Air

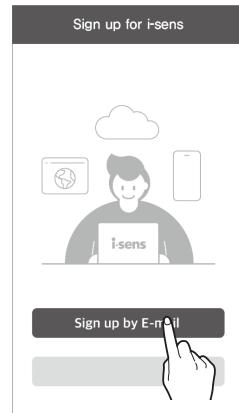
- 2 Tap **Log In** on the start screen.



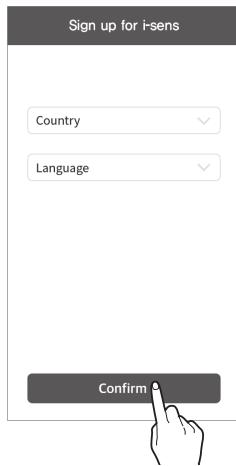
3 Move to the integrated i-SENS login screen.
Tap **Create an account**.



4 Tap **Sign up by E-mail**.



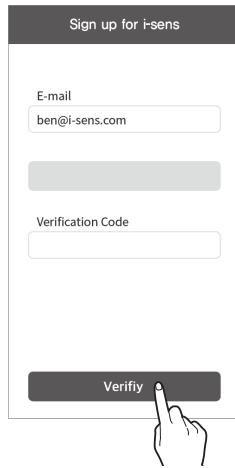
5 Select your country of residence and language, then tap **Confirm**.



6 Enter the email you want to sign up with and tap **Send verification code**.
A verification code will be sent to the email address you provided.



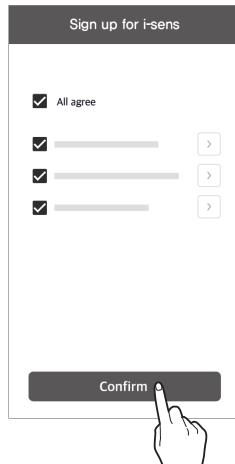
7 Enter the six-digit code from the verification email and tap **Verify**.



 **Note**

- You should enter the code within 5 minutes after the email has been sent. Tap **Resend the verification code** to issue a new code if you fail to enter the code within the time limit.
- You cannot create an account without completing the verification.

8 After accepting the required terms and conditions, tap **Confirm**.



9 Enter the user information and tap **Confirm**.

Sign up for i-sens

E-mail
ben@i-sens.com

Password
••••••••

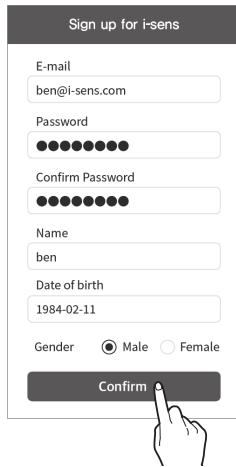
Confirm Password
••••••••

Name
ben

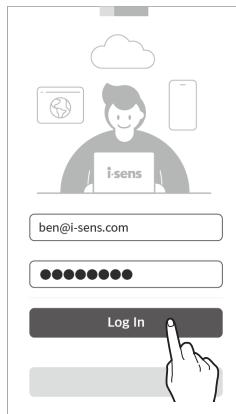
Date of birth
1984-02-11

Gender Male Female

Confirm 



10 On the integrated i-SENS login screen, enter your email address and password, then tap **Log In**.



ben@i-sens.com

••••••••

Log In 

Previously registered users

If you are already a registered user, take the following steps to log in to the CareSens Air user app.

- 1** Find the CareSens Air user app on your smart device and tap .
- 2** Tap **Log In** on the start screen.
- 3** On the integrated i-SENS login screen, enter your email address and password, then tap **Log In**.
- 4** If you enter a correct email address and password, you will be logged in as a registered user.

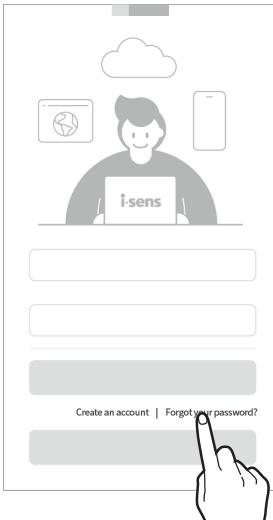
Reset password

Take the following steps if you have forgotten your integrated i-SENS login password.

- 1 Find the CareSens Air user app on your smart device and tap .
- 2 Tap **Log In** on the start screen.

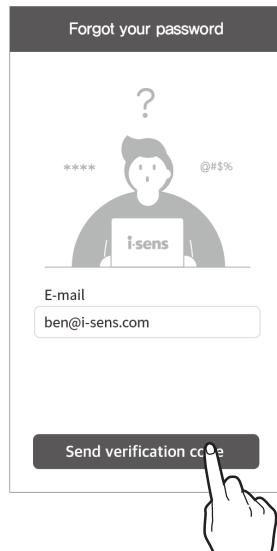


- 3 Move to the integrated i-SENS login screen.
Tap **Forgot your password?**



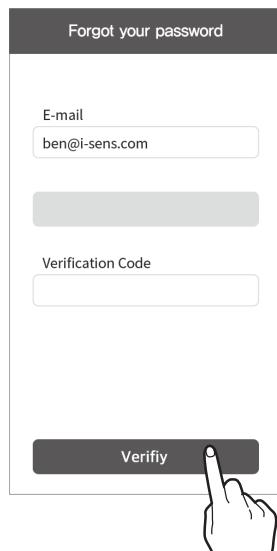
4 Enter your email address on the 'Forgot your password?' screen and tap **Send verification code**.

The verification code is sent to the user's email address.

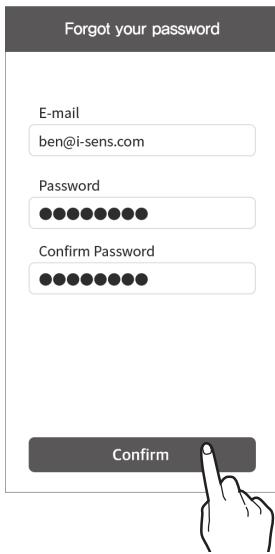


5 Enter the six-digit code from the verification email and tap **Verify**.

- You should enter the code within 5 minutes after the email has been sent. Tap **Resend the verification code** to issue a new code if you fail to enter the code within the time limit.
- You cannot reset your password without completing the verification.



6 Enter your new password and confirmation password, then tap **Confirm**. Your password has been reset.



3.2 Connecting to a sensor

Make sure that the sensor has been attached to the skin and that the power has been turned on. Connect the sensor with the app. Once it is successfully connected, the sensor will be warm up. The smart device and the sensor communicate via Bluetooth. You must maintain the connection between the sensor and the smart device when in use.

Follow these steps to connect the sensor to the app.

- 1 Connect the sensor with the app. Configure the alert settings in the app.
- 2 Sensor warmup will occur.
- 3 Enter an initial calibration value.

If sensor warmup is not completed successfully, check whether the sensor or smart device is malfunctioning and try again. The sensor and the device must always remain connected.

Note

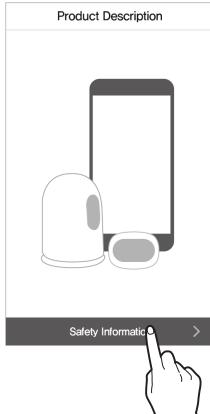
- Once a sensor has been connected, it cannot be connected with another device unless:
 - The same account is used, and
 - When the sensor has not yet expired
- Keep the sensor and the smart device within 6 meters of each other, without any obstacles such as walls or metal objects in between. The distance from the sensor to the smart device must be closer if there is any solid object between them. Otherwise, the connection may fail.

Connecting the sensor to Android apps

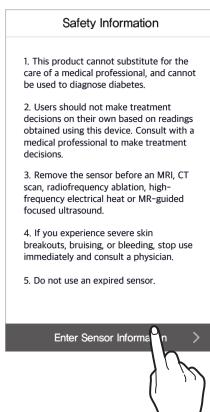
Connect the sensor to the app. Scan the barcode shown on the sensor package label, or manually enter the sensor PIN code.

Follow the steps below to connect the sensor to the app:

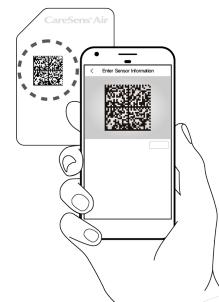
- 1 Turn on Bluetooth on your smart device.
- 2 Tap  your smart device and log in.
- 3 Tap **Safety information** on the 'Product description' screen.



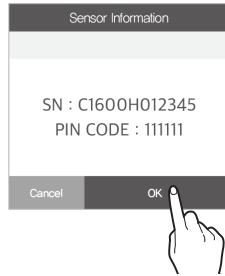
- 4 Read the information on the 'Safety information' screen, then tap **Enter sensor information**.



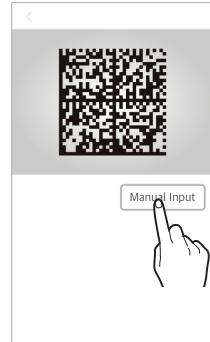
5 On the 'Enter sensor information' screen, scan the barcode on the package label.



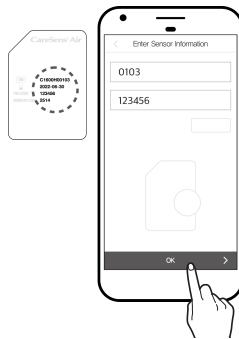
6 Tap **OK** when the sensor information appears.



7 You can manually enter the barcode instead. Tap **Manual input**.



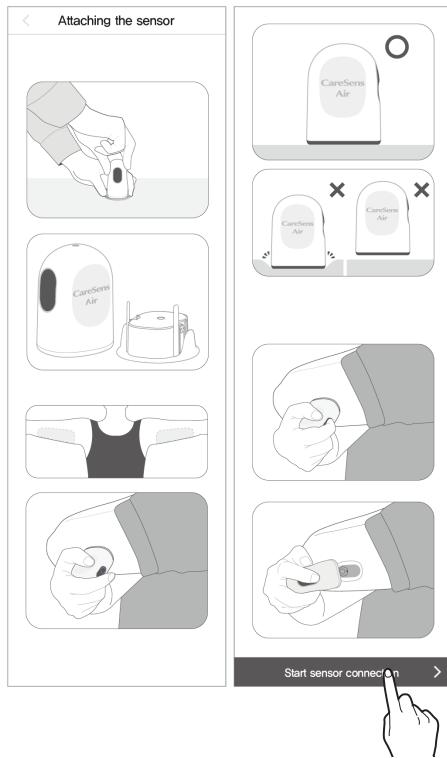
8 Enter the 6-digit PIN code and the last 4 digits of the serial number written on the sensor package label, then tap **OK**.



 **Note**

When entering the sensor information manually, please make sure to enter the numbers accurately. The sensor will fail to connect if you enter the wrong serial number or PIN code.

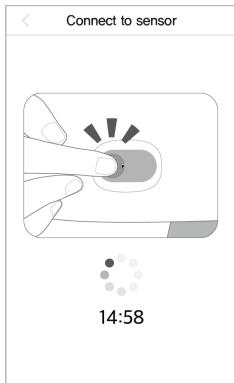
9 Once the barcode is successfully recognized or the PIN code and the serial number are successfully entered, you will see the 'Attaching the sensor' screen. Check how to attach the sensor and then tap **Start sensor connection**.



On the 'Connect to sensor' screen, attach the sensor to the rear of your upper arm and press the power button until it clicks. The button is then recessed inward.

10 Wait until the sensor connection is completed.

- It may take up to 15 minutes for the sensor to connect, depending on the network environment.

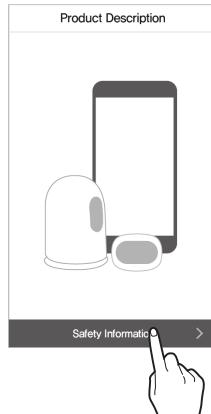


Connecting the sensor to iOS apps

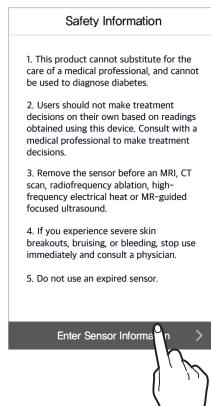
Connect the sensor to the app. Scan the barcode shown on the sensor package label, or manually enter the sensor PIN code.

Follow the steps below to connect the sensor to the app:

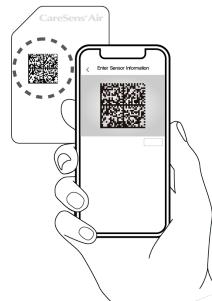
- 1 Turn on Bluetooth on your smart device.
- 2 Tap  on your smart device and log in.
- 3 Tap **Safety information** on the 'Product description' screen.



- 4 Read the information on the 'Safety information' screen, then tap **Enter sensor information**.



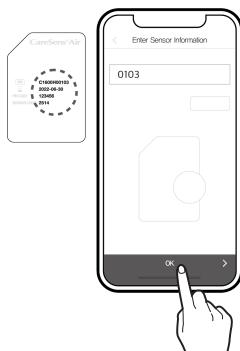
5 On the 'Enter sensor information' screen, scan the barcode on the package label.



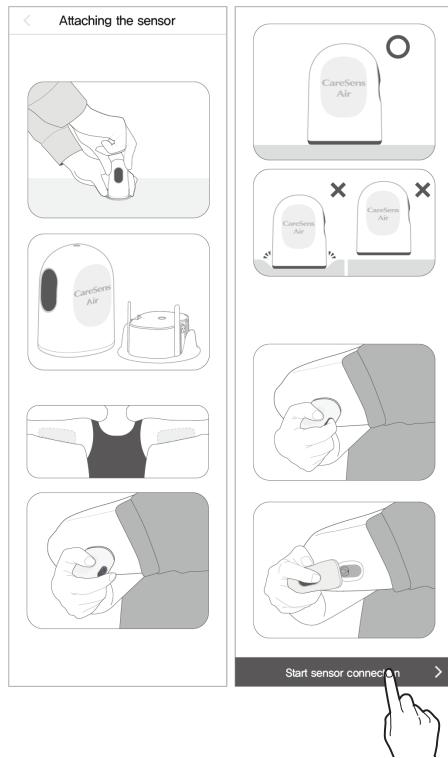
6 You can manually enter the barcode instead. Tap **Manual input**.



7 Enter the last 4 digits of the serial number written on the sensor package label, then tap **OK**.



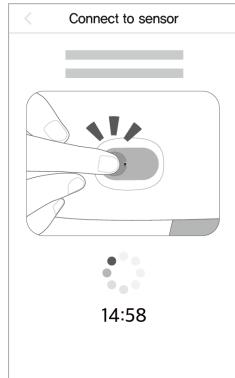
8 Once the barcode is successfully recognized or the information is manually entered, you will see the 'Attaching the sensor' screen. Follow the steps below to attach the sensor on the rear of your upper arm, and tap **Start sensor connection**.



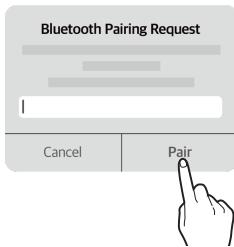
On the 'Connect to sensor' screen, attach the sensor to the rear of your upper arm and press the power button until it clicks. The button is then recessed inward.

9 Wait until the sensor connection is completed.

- Once the barcode is successfully recognized, the serial number and PIN code are displayed on the screen.
- If manually entered, only the serial number is displayed.
- It may take up to 15 minutes for the sensor to connect, depending on the network environment.



10 When a Bluetooth connection request appears on the screen, enter your PIN code and tap **Pair**.



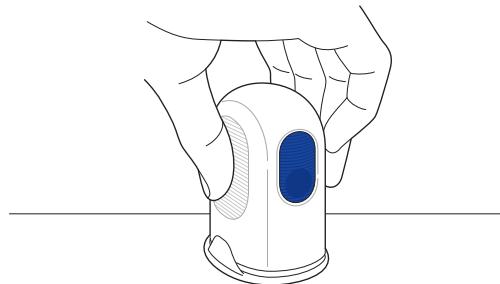
⚠ Warning

When using iOS, never close the app after connecting the sensor. It will be disconnected from the sensor.

Attaching the sensor

Follow the steps below to attach the sensor to the rear of your upper arm:

- 1 Open the CareSens Air sensor package.
- 2 Take the applicator out of the package and set it on a flat, stable surface.



- 3 Check the expiration date on the sensor package label.
- 4 Wash your hands well with soap and running water, and dry them with a clean cloth.
- 5 Wipe the area where the sensor will be attached to the skin with an alcohol swab and wait for it to dry completely.

Caution

- Choose a new location to attach each new sensor.
Continuing to attach new sensors to a previously used location may cause skin irritation or scarring.
- The sensor should be attached immediately after opening the applicator package to avoid airborne contamination.
- The location chosen for insertion must meet the following criteria:
 - It must be at least 8 cm away from an insulin pump infusion set or infusion location.
 - It must not be close to the waistband, tattoos, bone, scars, or irritated skin.
 - It must be a location which will not be bumped, pushed, or pressed during sleep.
- After you separate the safety cap from the applicator, be careful not to point it toward any person.