



# sense<sup>1</sup> vet

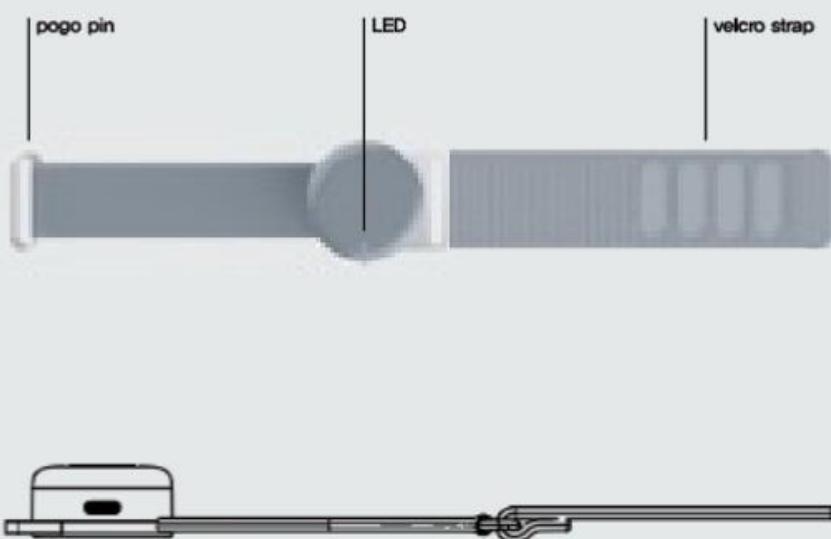


Cotons AI Campaign Dont Buy, Adopt. All models participating in Cotons AI campaign are adopted dogs. Maru Adopted 2022 from a clinical facility.

cotons ai

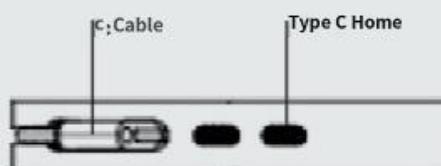
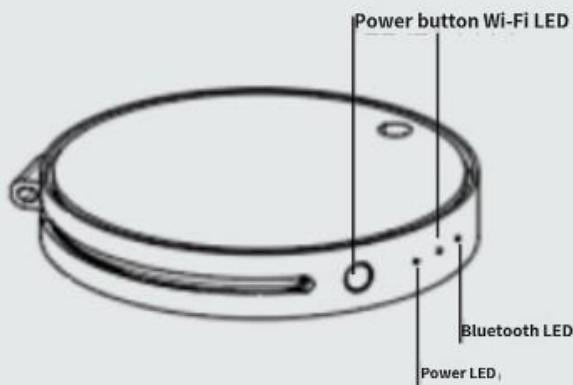


## Sense 1 Vet



Device Operation	Working	LED status
Power on	Press button 3 seconds	White LED fade in fade out
Normal state		Keep LED off
Check Device Power	Double tap	Blinking White LED
Charging device battery		White LED fade in fade out
Charge complete		Keep green LED
Device low battery		Flashing orange LED
Power off the device	Press button 2 seconds	LED off after flashing white LED

## Sense 1 Vet



Device Operation	Working	LED status
Power on the device	Connect adapter	White LED on
Wifi connection complete		Green LED on
Wifi connection issues		Flashing red LED
Bluetooth connection completed		Green LED on
Bluetooth connection issues		Flashing red LED
Power off the device	Remove adapter connection	LED off

## Getting started

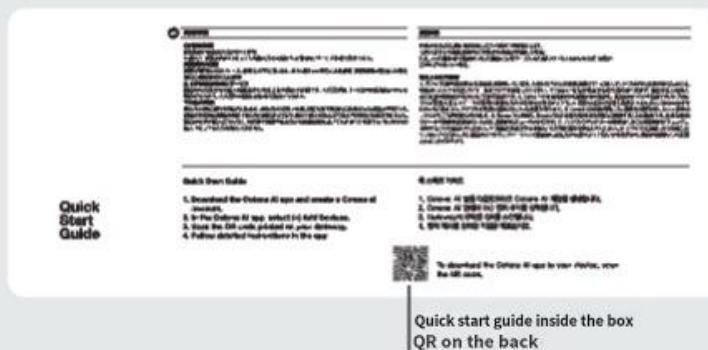
### 1 Download Coton's ai Application



iPhone QR Scan |



Android QR Scan



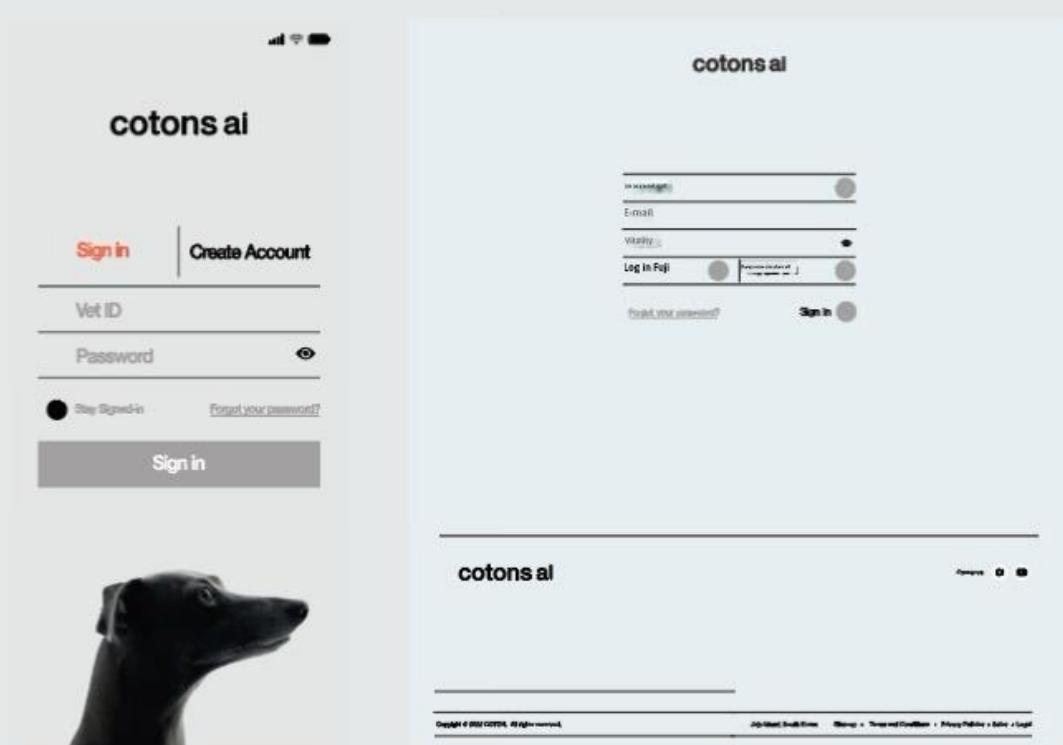
Download the Coton's ai For Vet app to enjoy the full experience of using the products you purchased.

Register Gateway through this app and experience easily assigning Sense 1 to patients.

Check changes in heart rate, respiratory rate, oxygen saturation and temperature anytime, anywhere and receive emergency alerts.

## Getting started

### 2 Create Cotons ai Account

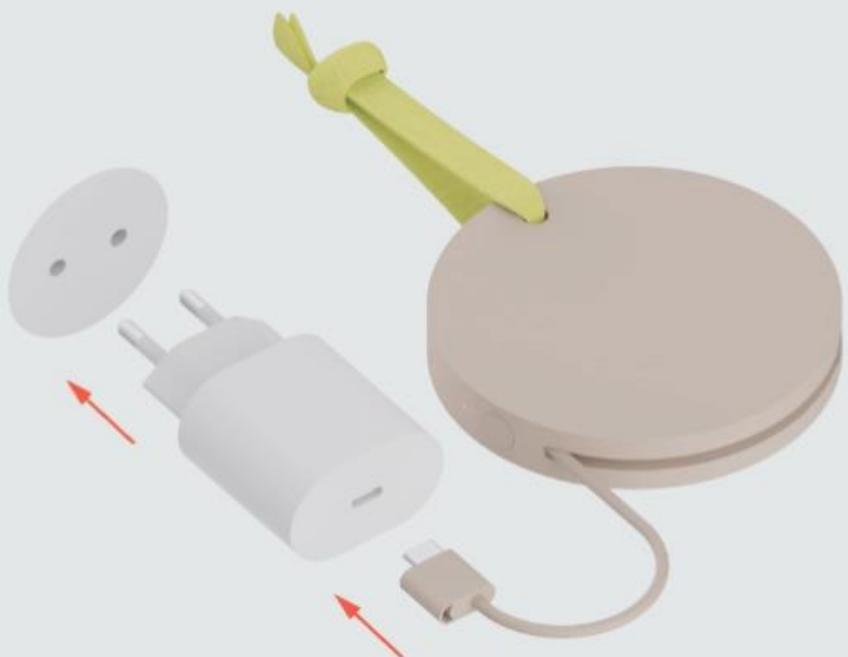


Application and cloud are provided to all veterinarians who purchase Cotons products.  
You can access either the application or the cloud with an account you created.

You must create a [Representational Account] to register a hospital for the first time. Only one [Representational Account] can be created per hospital, which requires a procedure to authenticate a business license or veterinarian license.

[General Account] can be registered after creating [Representational Account] and can be used only after obtaining approval from [Representational Account].

### 3 Gateway Power On



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To power on the gateway, connect the cable connected to the gateway to the adapter.

When connected to the adapter, the power is automatically turned on without any additional button operation and the white LED is turned on.

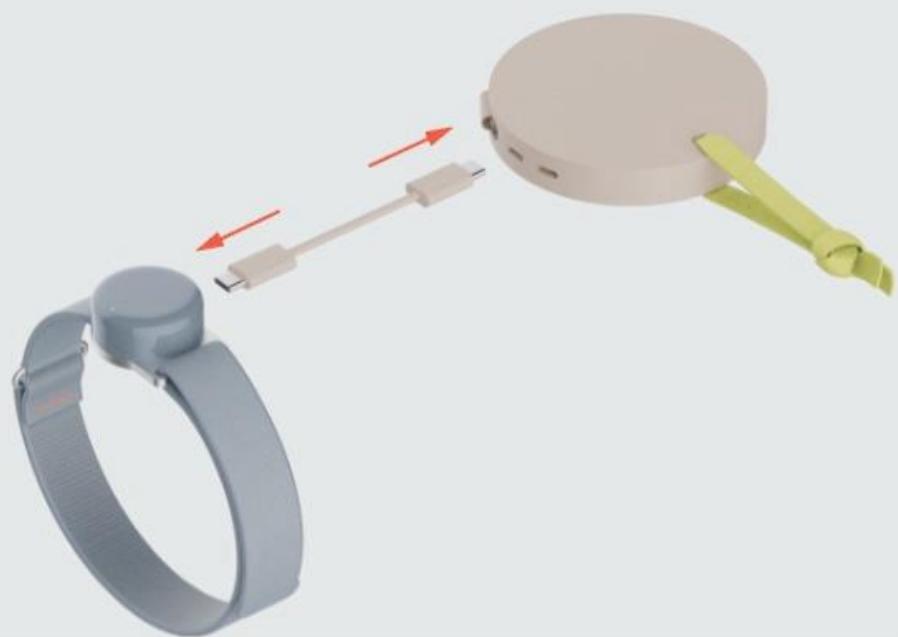
**⚠ Connect the C-type cable attached to the gateway to the adapter first, and then connect the adapter to the power source.**

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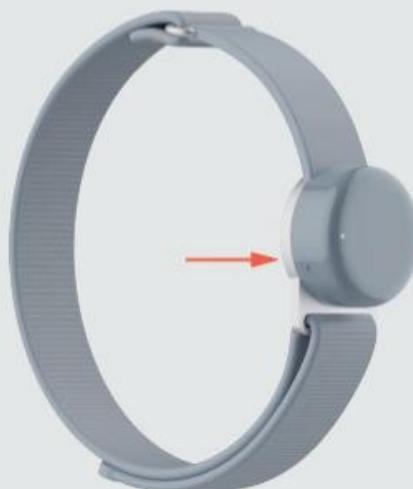
## Getting started

### 4 Sense 1 Power On

1



2



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1 On the first run of Sense 1, it is recommended to connect to the charger for charging.  
It is recommended that you use a C-C cable to connect to the Gateway to charge it.

2 To power on, press the button located on the side for about 3 seconds without using the adapter.  
Power is turned on and at the same time, the gateway pairing proceeds, and the LED remains off for power saving.

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## Tech Specs

Sense 1body	Function	Vital checking smart collar
	Main function	Processor: Cortex-M33 Dual-Core, Bluetooth 5, 2Mbps
		Memory: 512KB
		Storage: 8GB
		Sensor: BCG, 6-axis, MEMS
		Battery: Li-Polymer, 3.8V/300mAh (Normal), USB type-C, DC 5V/0.7A
		Waterproof: IPX6(Dry throughly after water contact)
gateway	Function	Store and transmit data
	How to use	Connect to the adapter to send data
	Others	Processor: ARM Cortex-A53, QUAD-CORE, Memory: 2GB, Rated Input: DC 5V/2A

We recommend using an adapter that meets the following criteria

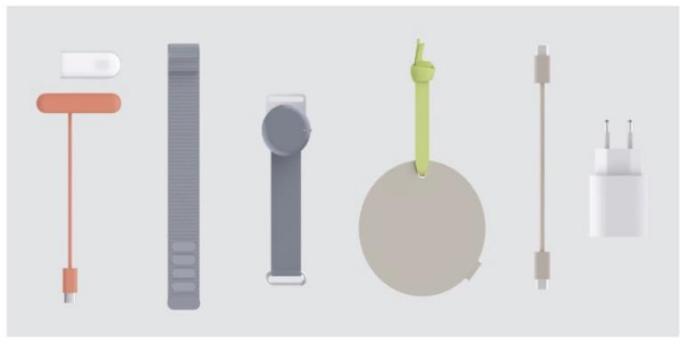
- Use a product certified with CB certification.
- Ensure the adapter matches the specification of the CB-certified product.
- Information on the CB-certified product.
  - Manufacturer: SAMSUNG
  - Model: EP-TA800

Smart 02	Function	Blood oxygen level detection
	How to use	In case of emergency, connect to either tongue or lips
	Others	Processor: Once plugged into Sense 1, it will automatically use the SenseCPU to store and send data
		Sensor: SpO2, HR
		Battery: Sense 1 Battery (Li-Polymer, 3.8V/300mAh)

## Caution

- **Disposing of batteries in fire or a hot oven, or mechanically crushing or cutting the battery, can cause an explosion.**
- **Placing the battery in an environment with extremely high temperatures can cause the explosion or leakage of flammable liquids or gases.**
- **Exposing the battery to extremely low air pressure can cause the explosion or leakage of flammable liquids or gases.**

## What's in my box



SmartO2/ Silicon cover      Strap      Sense1 Body      Gateway      C-C Cable      Adapter

## Software



Cotons App



## Cotons Vet Cloud



## User Guide

# "AI Smart Collar can extend the life of a dog by offering precise health metrics"

Nikolas Lanum - FOX NEWS DIGITAL

## Purchase Inquiry

### Sense1 Vet Full Package

Package Sense1 Body

Components Gateway

Smart O2

Silicon Cover(10 pieces)

Adapter

C-C Cable

Cotons AI VET APP( app)

Cotons Vet Cloud(Cloud based software)

Currently, domestic veterinary devices can be purchased through IntoCNS.

Inquiry 1544-7898 or [service@cotons.ai](mailto:service@cotons.ai)

## Company bio

### CareSix

We envision a world where all companions receive the deserving top-quality healthcare. Our mission is to make this vision a reality through our innovative product line, Cotons AI.

Website <https://www.cotons.ai/>

Instagram [cotons\\_\\_ai](https://www.instagram.com/cotons__ai)

Patent SpO2 Companion animal emergency situation monitoring system using photoplethysmography ...  
(patent no. 10-2532812)

PCG Wearable device for monitoring heart disease based on combined measurement of heart sound and electrocardiogram and ...  
(patent no. 10-2536544)

BCG System for measuring heart disease in companion animals using the combination of heart trajectory...  
(patent no. 10-2560156)

Address Jeju-do 516ro 2870  
Gyeonggido Yonginsi Sujigu 767, U-Tower A Dong 2103



Instagram



Website

## Partners

 IntoCNS

IntoCNS

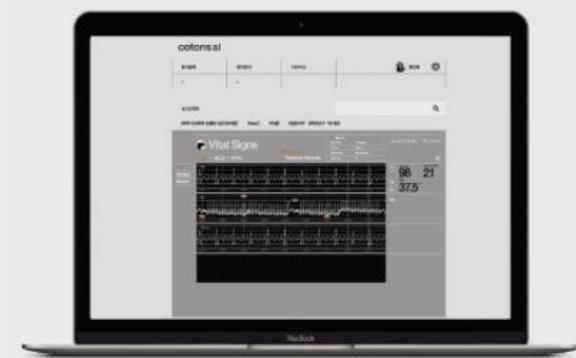
Sense 1 Vet was co-developed with IntoCNS.

Domestic product purchase of this product is possible only through IntoCNS.

 Jeju

Jeju-do

This project was selected as a project to support the development of listed companies in Jeju Island. As a promising company, we are exploring the future together.



Cotons Vet Cloud<sup>1</sup>

Wearable  
Patient Monitoring  
System

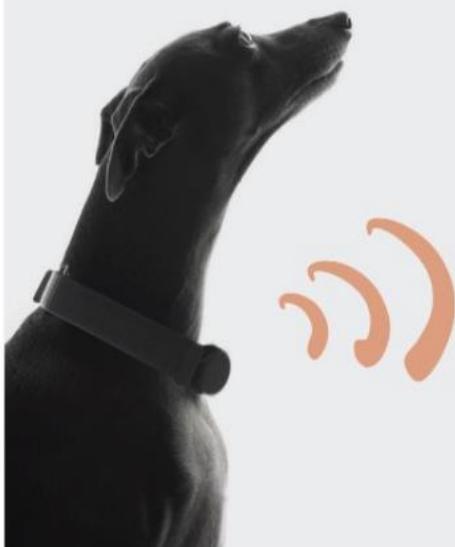
**sense<sup>1</sup> vet**

Sense 1 Vet **1** vet use worthy level hardware

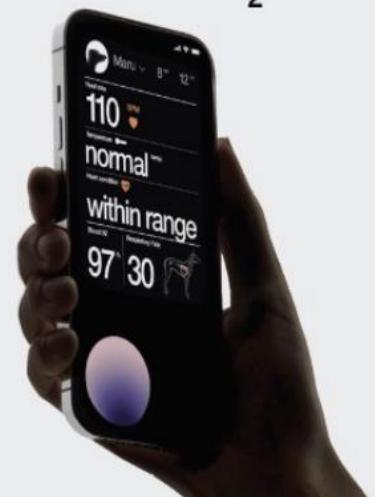
**2**Cotons ai APP **3**Cotons AI Cloud

An innovative combination of veterinary level device with  
our software to monitor anywhere, anytime.

1



2

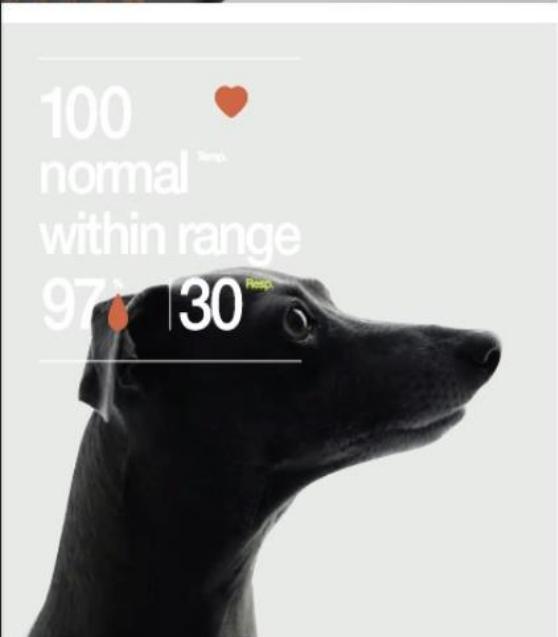




**WEAR  
AND GO.**

Wear and go. No complex shaving procedure needed.

Wear around your pet's neck for instant vital measurements.



## Key Features

### 1 Anywhere, Anytime.

From intra-operative to post-operative recovery, regardless of location.

Monitoring is made possible remotely.

### 2 Easier than ever

Innovatively miniaturized and worn around the neck.

Patient monitoring in cages has never been easier.

### 3 Optimized work efficiency

No more hassle of manually checking your vitals.

It is automatically possible as long as you wear it on your neck, and it can be monitored anywhere.

### 4 No hair removal

Immediate use without hair removal process for simple surgery and monitoring.

### 5 Perfect compatibility with IntoCNS EMR

Supports automatic patient data synchronization for users of IntoCNS EMR and charts, which holds 60% of the EMR market share.



Heart rate



Respiration



Temp.



Blood oxygen

**Small,  
Supreme  
Accuracy**

### Compact Power

Currently, we are gathering over 300,000 valuable data points to elevate the precision and efficiency of canine monitoring, including data from hospitalized canine patients.

We are envisioning these as a cornerstone for pioneering innovations in veterinary products.

(For further information, please refer to our website.)

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. 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with FCC RF exposure requirement.