

Coronasense – Installation instructions

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1. Installation recommendation

- The unit is intended for indoor use.
- Allow a space of 1x1m for the installation of the unit.
- The front temperature is strongly dependent on the outdoor conditions. Prefer a measurement when the user is already in a stable condition. Prefer measurements after a few minutes indoors.
- The temperature measurement is performed on the forehead between the eyes or in the open mouth. The maximum distance is 5 cm. Any shorter distance can only improve the measurement.
- The foot is not quickly adjustable in height. You can install it at about 1m50 so that most people are at the right height.
- Once the device is screwed on the foot, do not lean on the device.
- The device does an update every time it starts up. Be sure to restart the device regularly enough to get the latest versions.
- It is advisable to accompany the user during the first measurements and to explain the position to be adopted.

2. Procedure for measurement

1. If badge present: the user presents his badge on the left side of the machine.
2. The user steps forward with his forehead less than 5 cm from the machine. He can also take a measurement with his mouth open.
3. The user hears a first beep. He does not move until the second beep.
4. The display shows a message. :

- "Measurement added": Appears during the first measurements. There is no alert, it is a question of filling the database for future calculations.
- "Temperature OK" is displayed if the temperature is below the alert threshold.
- "Repeat measurement" is displayed if the system detects user movement.
- "Alert, probable fever" is displayed if the temperature is above an alert threshold.

3. What to do in case of an alert?

The first thing to do is to check the user again with a basal thermometer (e.g. under the armpit). The temperature measured by the device has no medical value.

4. Online administration

The administration interface is available on the following link:

<https://www.coronasense.ch/admin>

The identifiers are communicated by email.

The manual of the different commands (parameters) is available here

<https://www.coronasense.ch/manual.html>

The screenshot shows the CoronaSense Admin interface. At the top, there is a navigation bar with links for Login, Machines, Real Time Data, Users, Manual, English, and Français. The main content is divided into two columns.

Left Column: Liste des machines

ID	Description	Status
1	[Redacted]	[Redacted]
3	Machine #3	offline
4	[Redacted]	[Redacted]
5	[Redacted]	online
6	Machine #6	offline
7	[Redacted]	[Redacted]
8	Machine #8	online
9	[Redacted]	[Redacted]
10	[Redacted]	[Redacted]
11	[Redacted]	[Redacted]
12	[Redacted]	[Redacted]
13	[Redacted]	[Redacted]
14	Machine #14	offline
15	[Redacted]	[Redacted]
16	Machine #16 RFID	offline
17	[Redacted]	[Redacted]
18	Machine #18	offline

Annotations on the machine list: "statut de la machine" points to the status column, and "Manuel des commandes" points to the top of the right column.

Right Column: Module #16

Utilisateur 1
Com du module Machine 16 RFID

Version 1.2.8

Remarques WS-miniseed-rpi3

Ajouté le 2020-05-12T00:54:34+02:00

Vu le 2020-05-18T17:48:19+02:00 **dernière connexion**

Lien accès en direct <http://5000/> ([download all data](#)) **lien d'administration**

Données de la machine

- Nombre de données de la machine (total)** 11
- Nombre de données de la machine (aujourd'hui)** 0
- Nombre de données de la machine (dernière heure)** 0
- Moyenne de température (total)** 35.47 °C
- Moyenne de température (comptabilisé pour le score)** 35.47 +/- 0.68 °C
- Dernière acquisition (moyenne, maximum)** 34.47 +/- 0.16 °C (34.62°C)
- Seuils d'alerte 1-2-3** 37.16°C / 38°C / 38.5°C

Envoyer une commande

commandes

Envoyer

Queue des commandes


Dernières commandes exécutées

- Seuil d'alerte 1 (si positif, en degrés celsius, si négatif, en 100% de STD) - -1.5
2020-05-18T14:19:11.000000Z **dernières commandes**
- Nombre de mesures en une acquisition - 7
2020-05-15T17:26:45.000000Z
- Envoyer log debug par mail
2020-05-15T17:23:33.000000Z

4.1 Addition of a Wi-fi network

The " Add wifi " option allows you to add a new wifi network. The parameter line is to be filled in the format " wifiname, password ". There must be no spaces or characters other than the comma between the wifi name and the password.

Envoyer une commande

Ajouter Wifi (format: ssid,password) 

ssid,password

Envoyer


4.2 Modification of alert thresholds

Three alert thresholds are available. Explanations on the alert thresholds are available in the control manual. <https://www.coronasense.ch/manual.html> Positive values are fixed thresholds and negative values are adaptive thresholds. For example:

Moyenne de température (comptabilisé pour le score) 35.47 +/- 0.68 °C

In this case, setting an alert threshold to "-2.5" means that the alert will be calculated at $35.47 + 2.5 \times 0.68 = 37.17$ degrees.

Envoyer une commande

Seuil d'alerte 2 (si positif, en degrés celsius, si négatif, en 100% de STD) 


38

Envoyer

4.3 Adding alerts

Add email address

Envoyer une commande

Adresse email 

info@coronasense.ch

Envoyer

Activation of the email alert

Envoyer une commande

Alerte email activée (0/1)

1

Envoyer

Add phone number (with country code 00xx)

Envoyer une commande

Numéro de téléphone pour SMS

0041794123698

Envoyer

Activating SMS Alert

Envoyer une commande

Alerte SMS activée (0/1)

1

Envoyer

4.4 Adjusting the sensor sensitivity

It is possible to define the lower limit of the measurement. This limit exists to prevent users from taking the measurement with any part of the body other than the face, such as the hands. The command is :

Envoyer une commande

Seuil de température pour détection

33

Envoyer

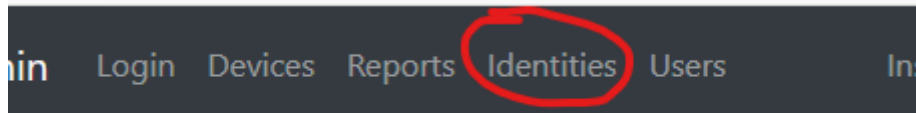
If the entered value is negative, the room temperature minus the entered value is taken as the threshold. For example, the value is -5 and the ambient temperature is 28 degrees, then the minimum detection threshold is 33 degrees Celsius.

4.5 Badges management

To add an identity, scan the badge, wait for the UID line to be completed. Then enter the name, first name, and group number (if no group, leave 0). Then press "Add" or the Enter key. The identity associated with the badge will be recorded.

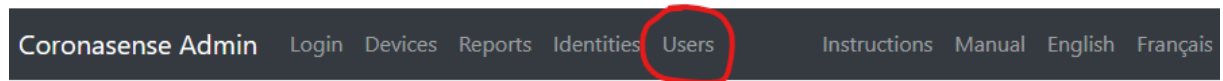
Real-time identities

The identities added via this interface are grouped together for the entire fleet of machines and can be managed on the remote interface.



4.6 Adding contact for report

Reports are sent at regular intervals by email or SMS. You can add contacts (emails or phones) in the "User" menu.



Liste des contacts pour rapport

2 - adrian.sh@mycable.ch

3 - info@coronasense.ch 0794123698

Delete 2

Ajouter un contact...

Ajouter contact