

Cobra Climate Plus.

Sensor manual



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General.

The Cobra Climate Plus sensor measures temperature, humidity and CO2 and sends the data via WiFi. The data is sent to the Cobra MQTT broker as a part of the Interaction Platform. This is a special kind of server to which you can subscribe a device. The subscription allows us to read the data from the sensor. The MQTT protocol is ideal for sensors, it is safe and allows lightweight data transfer.

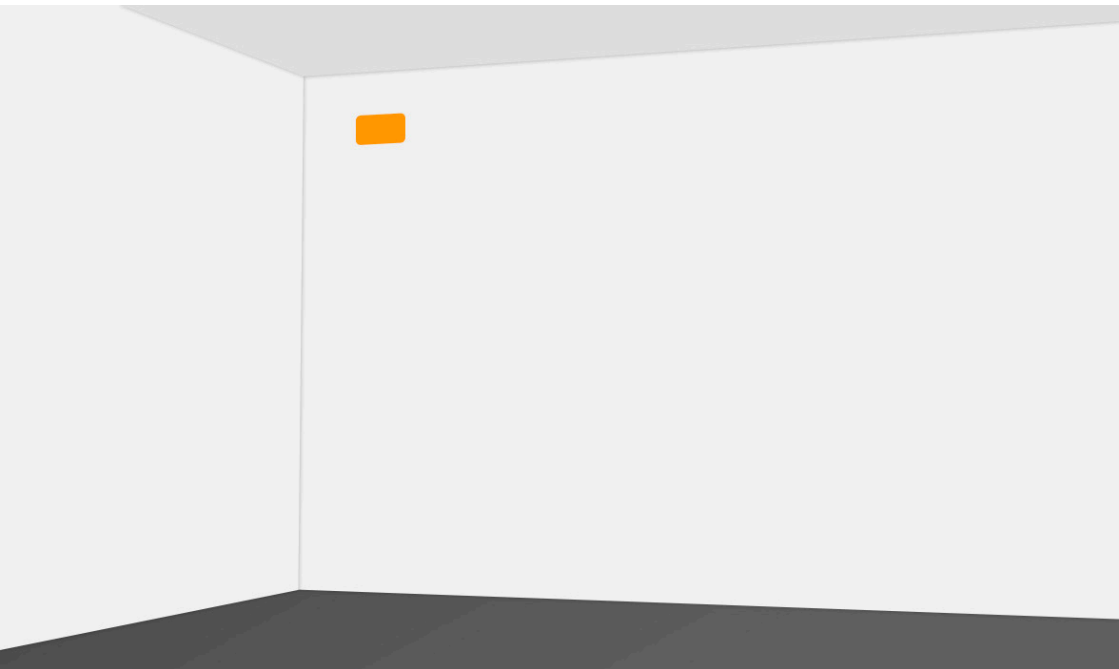


Sensor placement.

Some guidance for the placement of the sensor:

- The sensor measures CO2 and for a representative reading it needs to be as far away from ventilation holes as possible.
- The sensor needs to be mounted on a wall where there can be no direct contact with people or animals.
- The height of the sensor is between 1.20 and 1.80 meters.

Please do not mount the sensor on a ceiling.



Installation.

The baseplate is equipped with holes, which can be used to mount the sensor with standard screws.

For power, please use a standard USB power supply.

The connector can be hidden in the casing.



Getting started.

1. Sluit de sensor aan met stroom.
2. Druk 10 seconden de reset knop in aan de onderkant van de sensor.
3. De sensor zal nu een WiFi SSID uitzenden. Verbind met dit netwerk: Climate Plus xxx



4. Voor het gateway adres in in je browser.
5. De pagina om het apparaat te configureren zal nu geladen worden. Vul de velden in.
6. De gegevens voor de mqtt broker staan in het volgende hoofdstuk.
7. De topic naam moet de sensor herkenbaar maken, gebruik hiervoor bijvoorbeeld de plaats in het volgende format: bedrijf/locatie/verdieping/ruimte.
8. De sensor is nu geconfigureerd. De data kan bekeken worden met een MQTT explorer.

Interaction Platform

MQTT Broker.

For all sensors for which the data must enter the Interaction Platform:

Protocol: mqtt://

Host: mqtt.cobradash.com

Port: 1883

Username: see back of sensor

Password: see back of sensor

Technical specs.

The baseplate is equipped with holes, which can be used to mount the sensor with standard screws.

For power, please use a standard USB power supply.

The connector can be hidden in the casing.

Please note.

All sensor measurements (# occupants, CO2, humidity) are indicative and no absolute truths. The sensor is not meant for operational and/or business-critical decisions.

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Dat is de kracht van Cobra.