



HDOORPOSITION

User Manual

Table of contents

Introduction	3
Configuration with cloudAssistant	4
Installation	6
Operational mode	7
Operation with two HDOORPOSITION sensors	7
Operation with one HDOORPOSITION sensor	8
Verification	10
LED behaviour	10
Technical data	11
Battery	11
<i>Batteries replacement</i>	11
Regulatory Data	12
UKCA Declaration of conformity	12
EU Declaration of conformity	12

Introduction

HDOORPOSITION is a door position sensor via radio.

Check door status with **cloudAssistant** from anywhere, instantly, with no need for more wires thanks to radio technology.

The **HDOORPOSITION** sensor activates when the magnet is close to it and sends a radio signal to **HONOADOOR**. Install the magnet on the bottom of the door and the sensor at the same height on the wall to know when the door is completely closed. Install another **HDOORPOSITION** sensor on the top to know when the door is totally open.

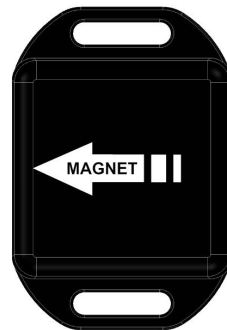


Provided with different product sets, combining radio sensors (**HDOORPOSITION**) and magnetic activators (**MAGNET**). Proper system installation may require more than one magnet or more than one radio sensor. One single magnet can activate multiple sensors.

HDOORPOSITION



MAGNET



Example installation with 2 **HDOORPOSITION** sensors and 1 **MAGNET**:



Configuration with cloudAssistant

1. Enter **cloudAssistant**: <https://cloudassistantv4.jcm-tech.com/login> and login.
2. Enter the installation with the **HONOADOOR** device to which you wish to link the **HDOORPOSITION** sensor.
3. Go to the "Equipment" tab. Select the equipment where the **HONOADOOR** is. Complete the sensor fields. **Save**.

HONOADOOR

Name *

HONOADOOR

Device *

HONOADOOR

Parameters

Relays

Fobs

Groups

Events

Radio sensor 3 name	HDOORPOSITION CLOSE
Radio sensor 3 mode	[Door 1] Closing limit switch sensor
Radio sensor 3 key	XXXX-XXXX-XXXX-XXXX
Radio sensor 4 name	
Radio sensor 4 mode	Unused
Radio sensor 4 key	- - - - -
Radio sensor 5 name	
Radio sensor 5 mode	Unused
Radio sensor 5 key	- - - - -

Save

Back

Three setting fields must be completed for each sensor:

- **Radio sensor X name:** this is a descriptive field for the sensor.
- **Radio sensor X mode:** these are the operational settings for the sensors, drop down the list of parameters and select your desired option.

Settings options may be:

Unused

[Door 1] Opening limit switch sensor

[Door 1] Closing limit switch sensor

[Door 2] Opening limit switch sensor

[Door 2] Closing limit switch sensor

- **Unused:** default option, entry unused.
- **[Door X] Opening limit switch sensor:** set as open door position.
- **[Door X] Closing limit switch sensor:** set as closed door position.
- **Radio sensor X key:** activation key, input the activation key found on the label of the sensor box.



4. Equipments -> Save configuration.

Facilities / Installation 1 / Equipments

Installation 1 5th Avenue New York

INFORMATION **EQUIPMENTS** GROUPS

HONGADOOR

Save configuration

- 22-07-2022 07:34:00 - jmir@jcm-tech.com
- 21-07-2022 09:32:00 - jmir@jcm-tech.com
- 21-07-2022 07:22:00 - jmir@jcm-tech.com
- 21-07-2022 07:14:00 - jmir@jcm-tech.com

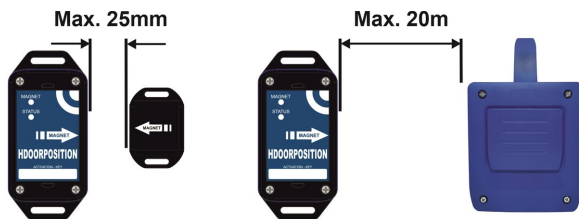
Icons: Home, Wi-Fi, Print, Save, Refresh, Logout



Every time an equipment parameter is modified, you must save configuration.

Installation

The sensor comes with two batteries included inside the device. Remove the cover, remove the contact protector, check that the LED STATUS lights up once every 15 seconds, close the cover, and mount on the wall.



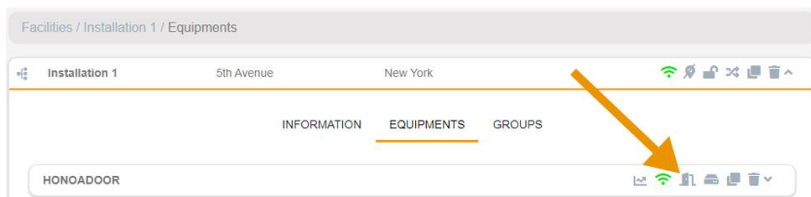
 The sensors and magnets must be installed according to the distances and layout shown in the image.

Example installation with 2 **HDOORPOSITION** sensors and 1 **MAGNET**:



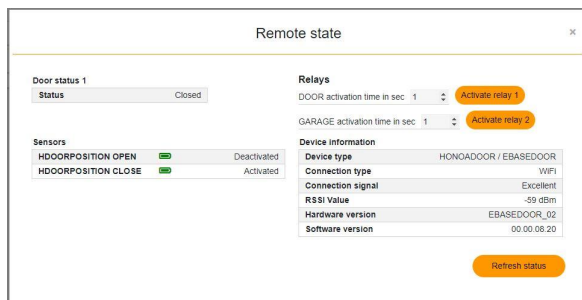
Operational mode

The check door status, selection "**Get door status**" (button with the door).

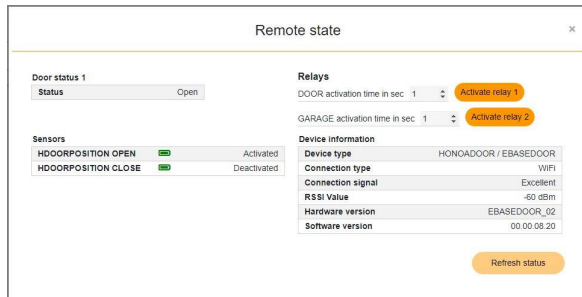
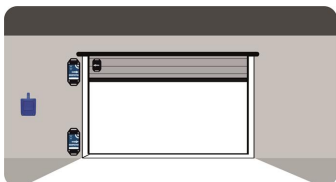


Operation with two HDOORPOSITION sensors

DOOR CLOSED



DOOR OPENED



Operation with one HDOORPOSITION sensor

Closing limit switch sensor:

DOOR CLOSED



Remote state

Door status 1

StatusClosed

Sensors

HDOORPOSITION CLOSE

Activated

Relays

OPEN activation time in sec1

Activate relay 1

CLOSE activation time in sec1

Activate relay 2

Device information

Device typeHONQADOOR / EBASEDOOR

Connection typeWIFI

Connection signalExcellent

RSSI Value-57 dBm

Hardware versionEBASEDOOR_02

Software version00.00.08.20

Refresh status

DOOR NOT CLOSED



Remote state

Door status 1

StatusOpening

Sensors

HDOORPOSITION CLOSE

Deactivated

Relays

OPEN activation time in sec1

Activate relay 1

CLOSE activation time in sec1

Activate relay 2

Device information

Device typeHONQADOOR / EBASEDOOR

Connection typeWIFI

Connection signalExcellent

RSSI Value-59 dBm

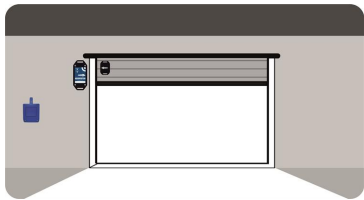
Hardware versionEBASEDOOR_02

Software version00.00.08.20

Refresh status

Opening limit switch sensor:

DOOR OPENED



Remote state

Door status 1

StatusOpen

Sensors

HDOORPOSITION OPENActivated

Relays

OPEN activation time in sec: 1

Activate relay 1

CLOSE activation time in sec: 1

Activate relay 2

Device information

Device typeHONQADOOR / EBASEDOOR

Connection typeWIFI

Connection signalExcellent

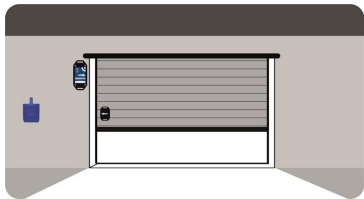
RSSI Value-60 dBm

Hardware versionEBASEDOOR_02

Software version00.00.08.20

Refresh status

DOOR NOT OPENED



Remote state

Door status 1

StatusClosing

Sensors

HDOORPOSITION OPENDeactivated

Relays

OPEN activation time in sec: 1

Activate relay 1

CLOSE activation time in sec: 1

Activate relay 2

Device information

Device typeHONQADOOR / EBASEDOOR

Connection typeWIFI

Connection signalExcellent

RSSI Value-58 dBm

Hardware versionEBASEDOOR_02

Software version00.00.08.20

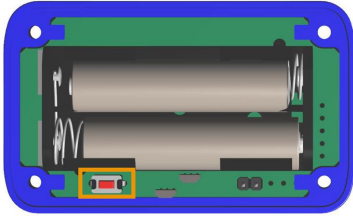
Refresh status

The status does not update automatically. Press the "Refresh Status" button to update the door status..

If the HONQADOOR device has been reset (example: due to a voltage drop), the door's status is "Undefined." Make the door move and "Refresh status."

Verification

Open the **HDOORPOSITION** sensor cover and press the "TEST" button to check the connection with HONOADOOR. The "ST", "NW," and "IN" LEDs of **HONOADOOR** blink for 3 seconds. The next 25 times that the **HDOORPOSITION** is activated, the **HONOADOOR** LEDs will blink for 3 seconds.



LED behaviour

MAGNET: the LED lights up for 2 seconds every time the sensor detects and stops detecting the magnet.

STATUS: the LED blinks once every 20 minutes to indicate that the device is resting. The LED blinks twice every 20 minutes, indicating a low battery.

Technical data

Parameter	Value
Operating frequencies	868,35MHz / E.r.p.<1mW
Power Supply	3Vdc (2x AAA 1,5V / 12mA)
Operating temperature	-20°C / + 55°C
Battery duration	120,000 activations / 1 year

Battery

Batteries replacement

Proceed to replace the two batteries for new ones, taking care of the polarity marked on the connector. Check that the new batteries support the same range of temperature that the ones replaced. Do not mix new and old batteries.

Battery type: 2 x AAA 1,5 V



Before throwing away the device, the batteries must be removed and deposited in a collection point.

Regulatory Data

UKCA Declaration of conformity

The manufacturer **JCM TECHNOLOGIES, SAU** declares that the product **HDOORPOSITION** complies with the relevant fundamental requirements of the Radio Equipment Regulations 2017 and of the RoHS Regulations 2012.

EU Declaration of conformity

The manufacturer **JCM TECHNOLOGIES, SAU** declares that the product **HDOORPOSITION** complies with the relevant fundamental requirements of the RED Directive 2014/53/EU and of the RoHS Directive 2011/65/EU.

See website <https://www.jcm-tech.com/declarations/>

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