

Otis One Data Solution

Authorization Date:

Door Sensor: GAA817A6 CSA

Gateway (GW): GAA512J1/J3 4G / CSA
 GAA512K1/K5 2G / CSA

Metal sheet GAA21305AES1

Document Revision:

Date	Author	Page	Comment
2019-09-13	M. TOUTAOUI	28	Original document
2019-09-19	M. TOUTAOUI	13	Document updated

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Installation steps

CONTENTS

1	OPERATION DESCRIPTION/THEORY OF OPERATION	3
2	COMPONENTS FOR THE INSTALLATION	4
2.1	DOOR SENSOR	4
2.2	METAL SHEET (OPTION)	4
2.3	GATEWAY	5
3	GATEWAY INSTALLATION	6
3.1	GENERAL NOTES	6
3.1.1	<i>Mounting close to the sensor</i>	<i>6</i>
3.1.2	<i>Use of metal sheet for wall mounting.....</i>	<i>6</i>
3.1.3	<i>LEDs and Battery status</i>	<i>7</i>
3.2	INSTALLATION FOR OTIS CONTROLLER.....	8
3.3	INSTALLATION FOR NON-OTIS CONTROLLER	9
4	SENSOR INSTALLATION ON CAR DOOR.....	10
5	BATTERY INSTALLATION	11
5.1	BATTERY DATA SHEET	13

Note for FCC:

FCC ID:2AJYU-SIM7000G
FCC ID: UDV-201710
FCC ID: 2AUKQGAA817A

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

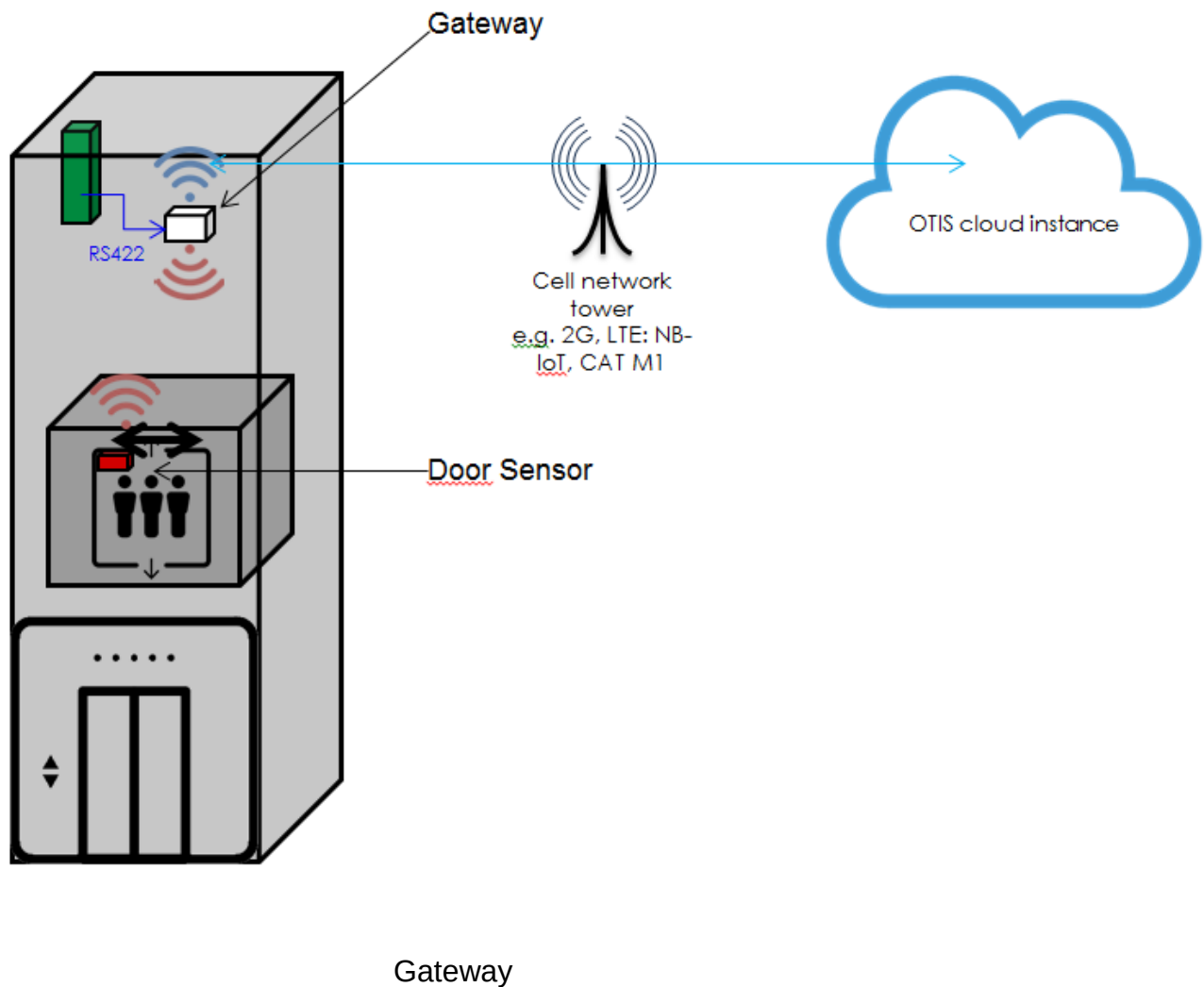
- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received,
including interference that may cause undesired operation.

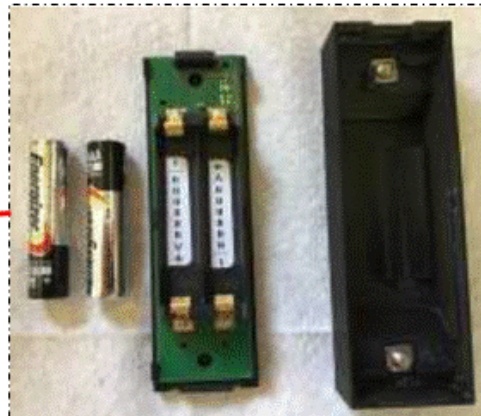
NAA**Installation steps****1 Operation Description/Theory of Operation**

The Otis One data solution consists of a gateway (GW) and a door sensor:

The door sensor communicates in "beacon (not connected) mode" with the gateway via BLE (Bluetooth Low Energy).

The GW transmits data received from OTIS One data solution sensors as well as data received from the OTIS controls system via RS422 interface to a cell network: e.g. OBU-GA: 2G, NB-IoT, LTE cat-M1, OBU-GL: 2G, 3G, 4G.



NAA**Installation steps****2 Components for the installation****2.1 Door Sensor****Door Sensor****2.2 Metal sheet (option)****Metal sheet**

NAA**Installation steps****2.3 Gateway****Gateway**

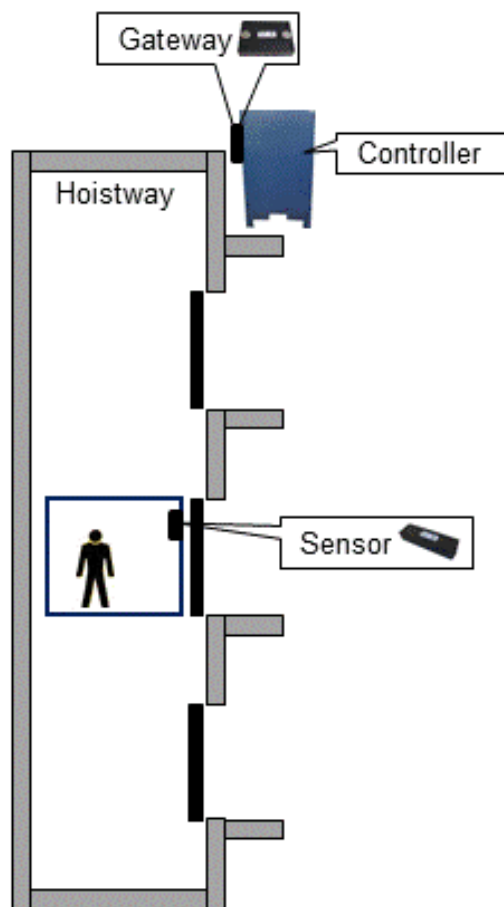
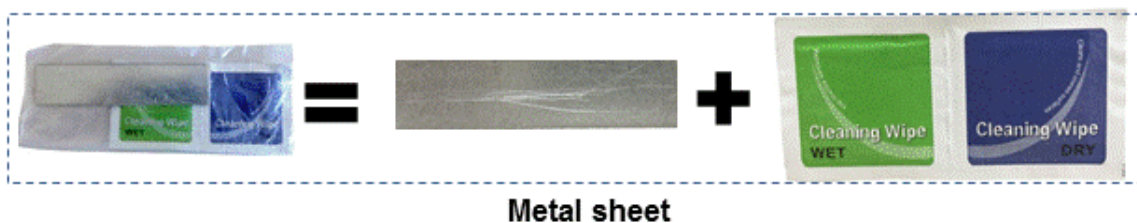
**Otis units:
with SVT connector**



**Otis units:
with 4G**



**Non Otis units:
with power cable**

NAA**Installation steps****3 Gateway installation****3.1 General notes****3.1.1 Mounting close to the sensor****3.1.2 Use of metal sheet for wall mounting**

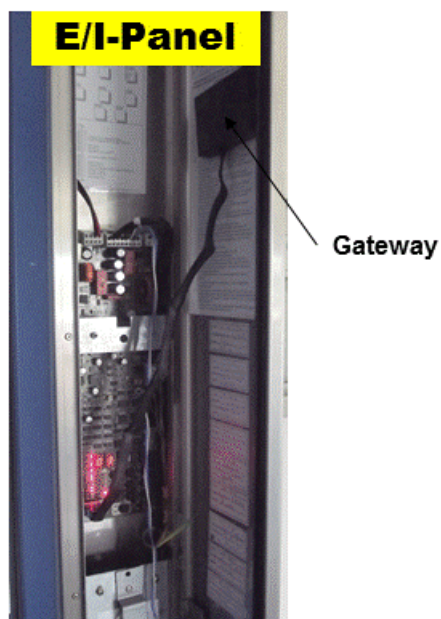
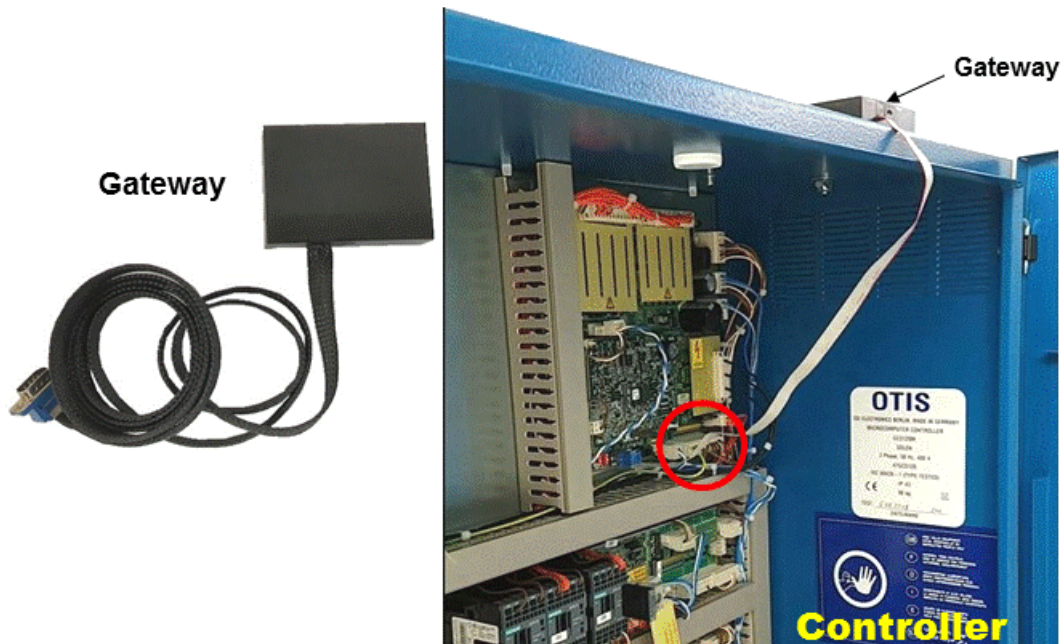
3.1.3 LEDs and Battery status

LED		Status	Description
RED		No	No Power
BLUE		OK	Bluetooth Door sensor connection
GREEN		OK	Controller (SVT) connection
WHITE		OK	Cloud connection (incl. cell connection)
		All OK	LED light blinks every sec + no red light



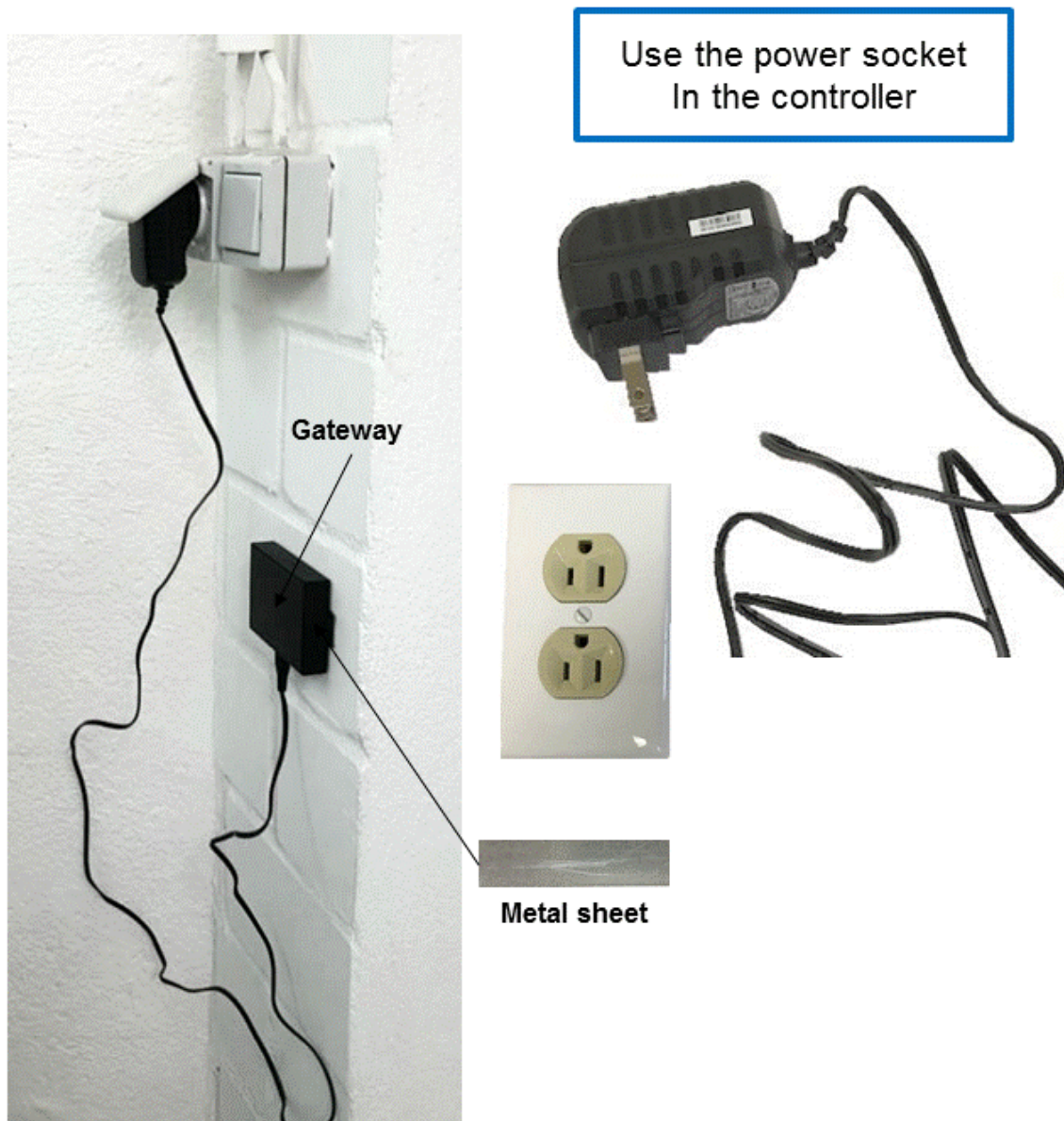
Note:

In case of LED red illumination the battery has to be loaded. This needs up to 12 minutes

NAA**Installation steps****3.2 Installation for Otis Controller****OTIS Controller**

3.3 Installation for non-Otis Controller

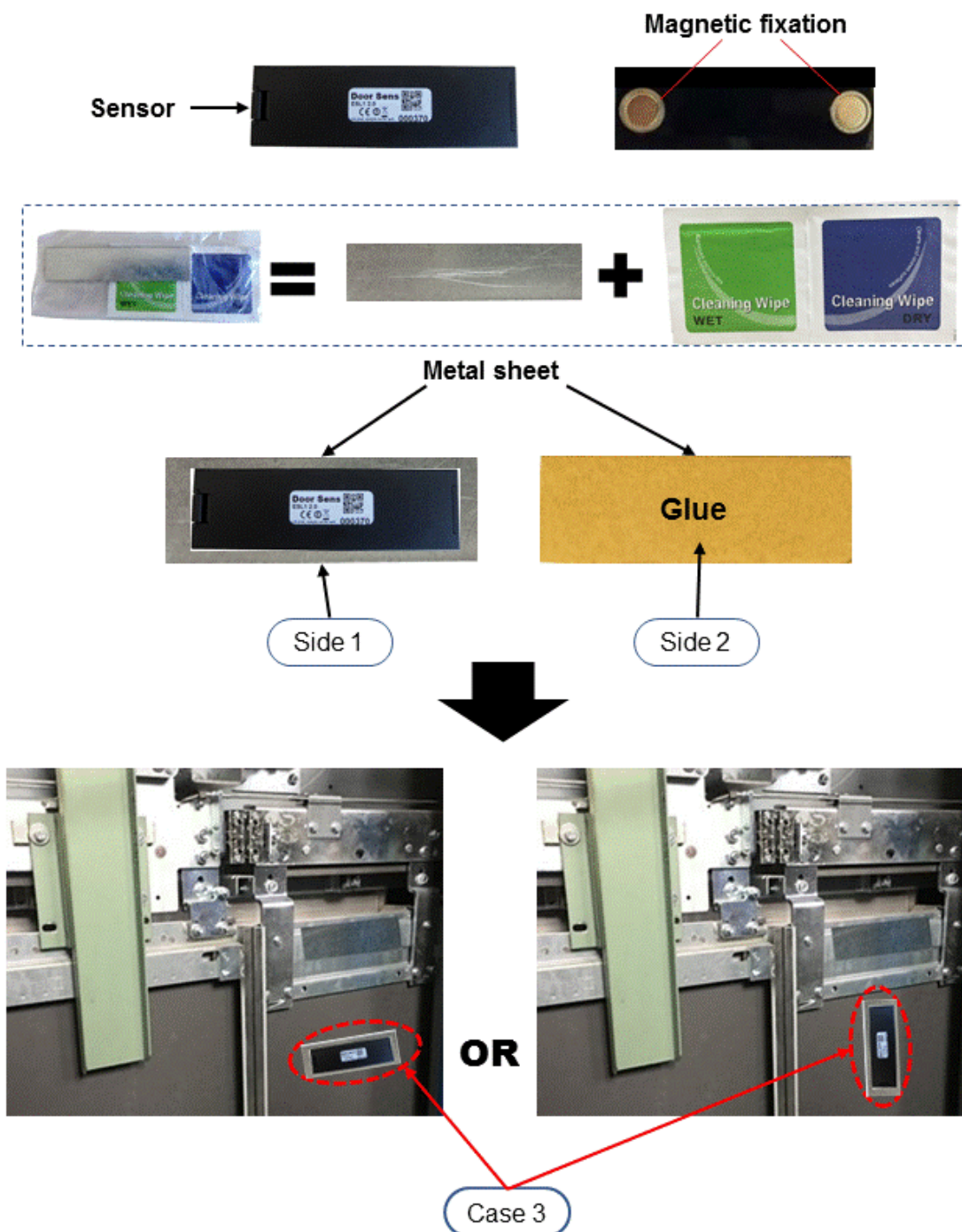
Non OTIS Controller

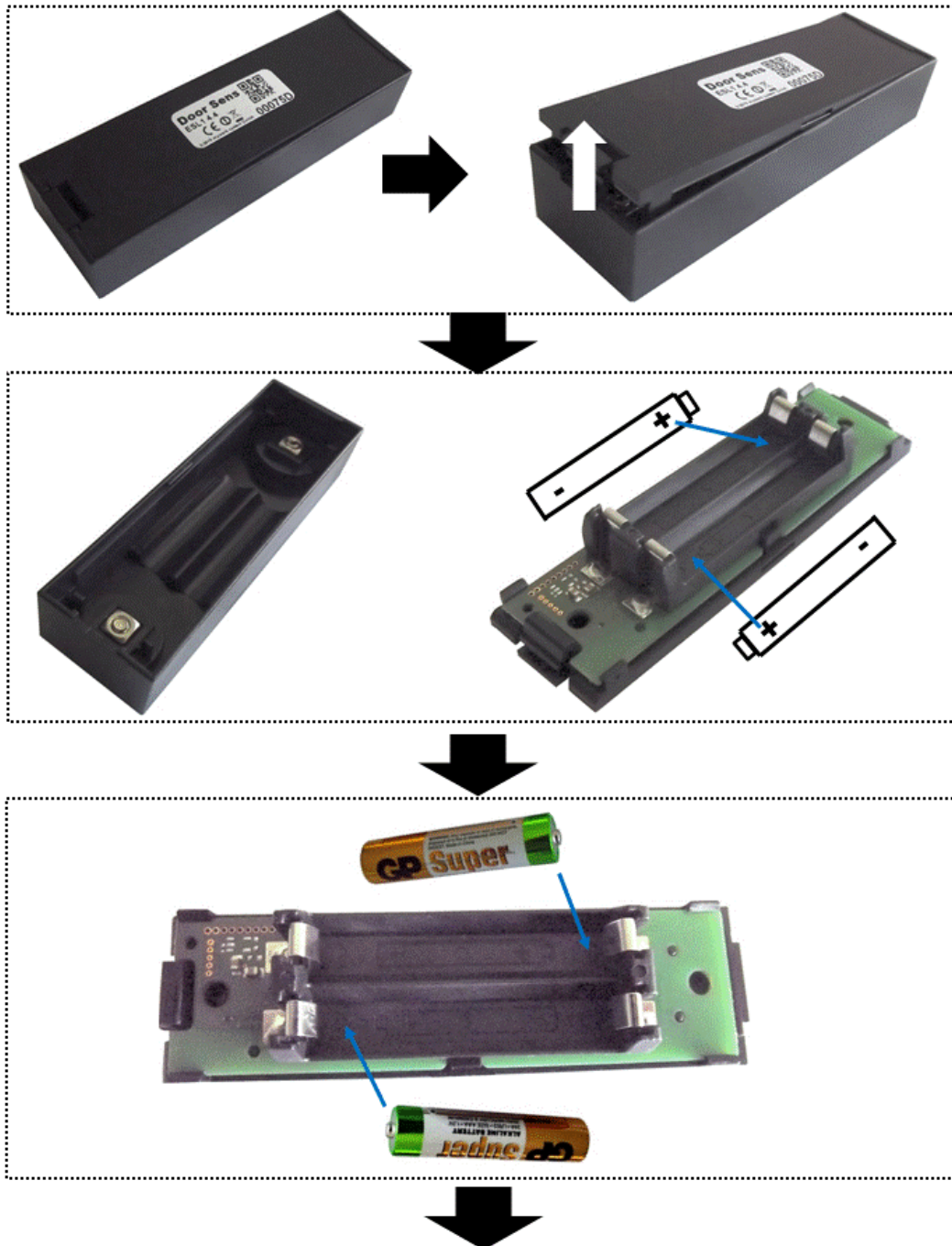


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Installation steps

4 Sensor installation on car door

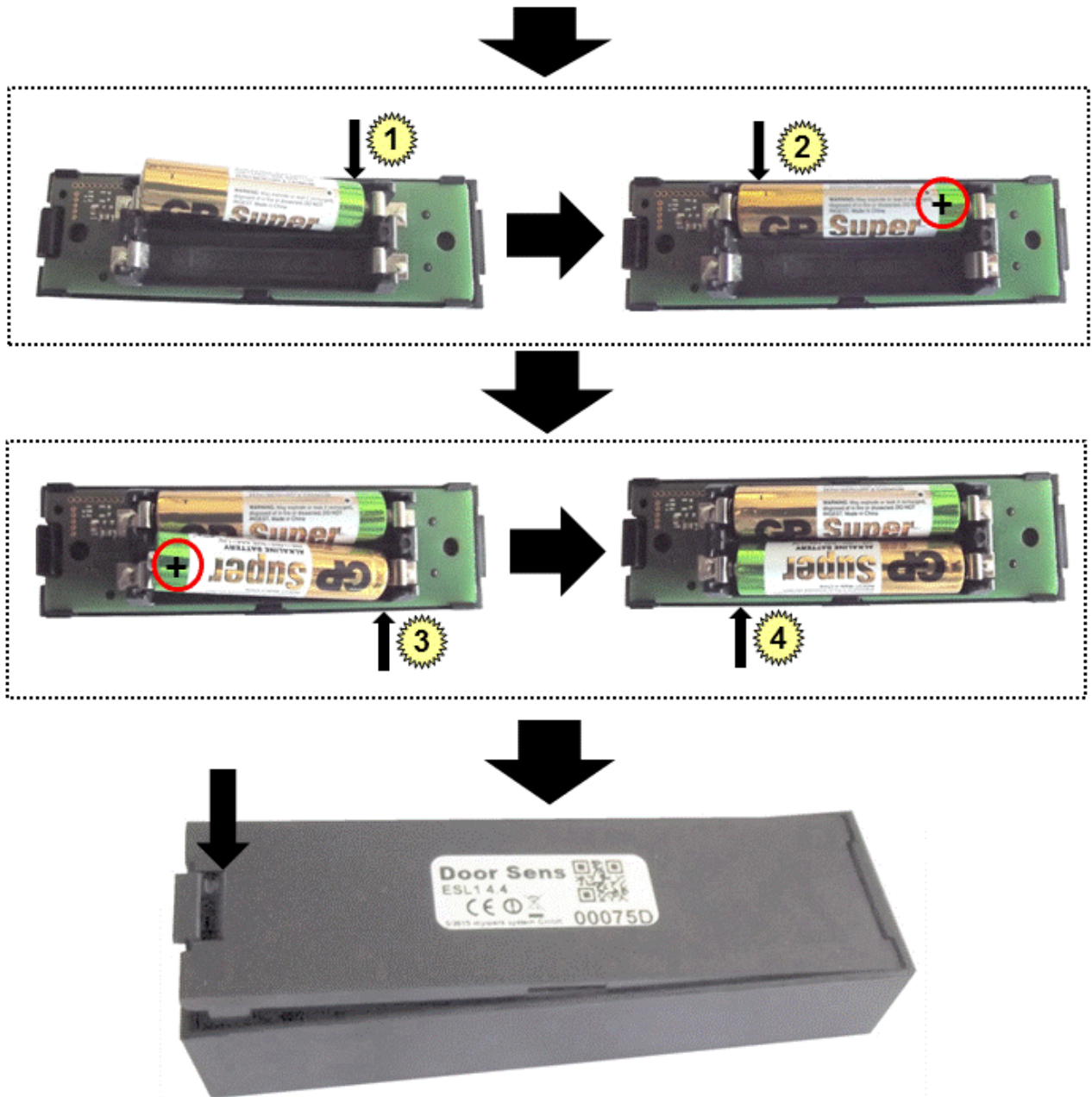


NAA**Installation steps****5 Battery installation**

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Installation steps

Battery installation (continued)



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Installation steps

5.1 Battery Data Sheet

Description	Mercury Free Alkaline Manganese Battery, AAA Size
Chemical System	Alkaline Manganese
Nominal Voltage	1.5 Volts
Nominal Dimensions	Ø10.5 mm x 44.5 mm
Terminals	Protruded positive (+) and flat negative (-) contacts
Warranty Period	36 months
Average Weight	11.4 g

