

wMOT  
**Installation Manual**

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Statement of Article 10(10) of Directive 2014/53/EU

To whom it may concern,

We, Watchman Door SL, would like to declare that the radio equipment of wMOT model may be operated in all Member States of EU without any restriction on putting into service or of requirements for authorisation of use.

Radio Frequency specifications

Frequency band(s) of operation: 2400-2483.5MHz

RF output power: +4.0dBm (max)

## FCC Statement

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.

FCC Caution:

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

FCC Statement:

"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."

RSS-Gen & RSS-210 statement:

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

*Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.*

*L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

RSS-102 Statement:

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

*Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.*

## 1. What is wMOT

wMot is a Bluetooth Low Energy device which allows the activation and deactivation of 1 or 2 relays.

wMOT allows to manage, from **wDoor App**, any kind of electronic lock such as building access doors, hotel access rooms, car parking doors, lifts, etc.

## 2. How to install wMOT

The wMOT cable has 6 wires: 2 for powering and 4 to connect up to 2 devices to the relays. The description of the wires is as follow:

- Power from 5 to 24V AC/DC:

Red	Red	Power
Black	Black	

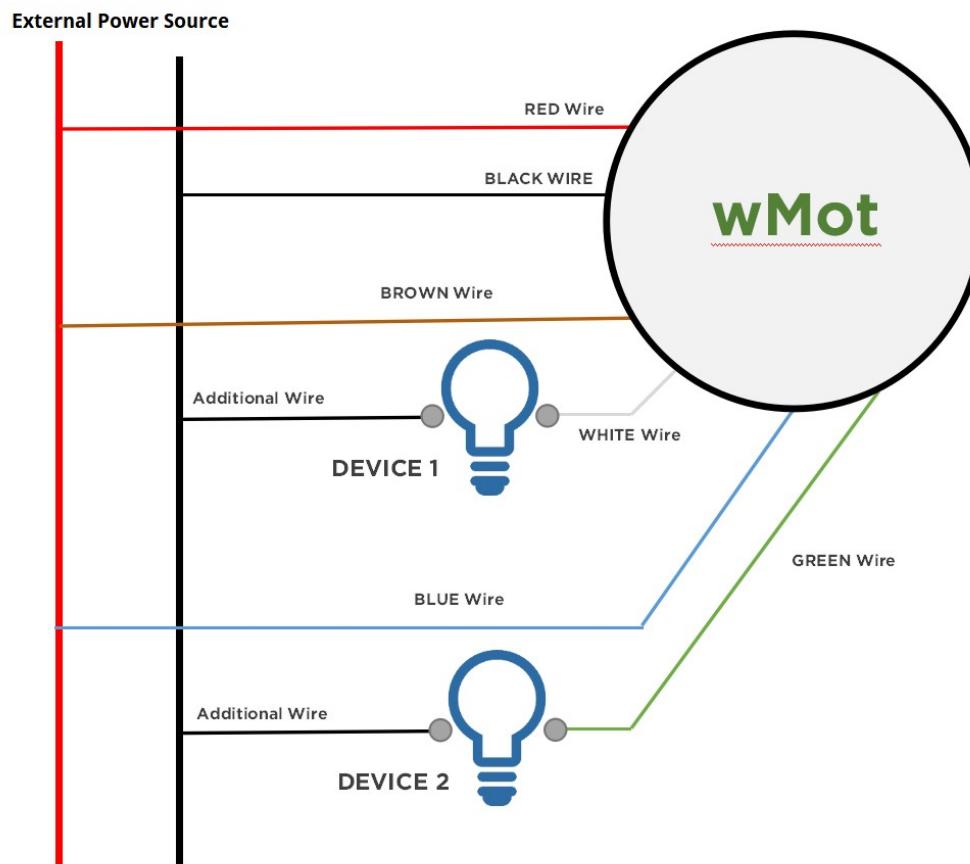
- Relay 1. Current max 2A - Voltage max 40V:

Green	Green	Contact 1 Relay 1
Blue	Blue	Contact 2 Relay 1

- Relay 2. Current max 2A - Voltage max 40V:

Brown	Brown	Contact 1 Relay 2
White	White	Contact 2 Relay 2

The connection diagram to install two devices is shown in the figure 1 where each device is connected to a relay switch. As an example, device 1 could be connected to the open door switch of a car park access and the device 2 could be connected to the close door switch.



**Figure 1.** Connection diagram to install two devices

### 3. How to Set up wMOT via wDoor App

Once the wMOT is physically installed, in order to start up its functionality, a set-up process must be followed through **wDoor App**.

This application is available for both **iOS** & **Android** and can be downloaded in the following links:

- Android:

[https://play.google.com/store/apps/details?id=watchman\\_private.watchmandoor.com.watchmanprivate](https://play.google.com/store/apps/details?id=watchman_private.watchmandoor.com.watchmanprivate)

-iOS:

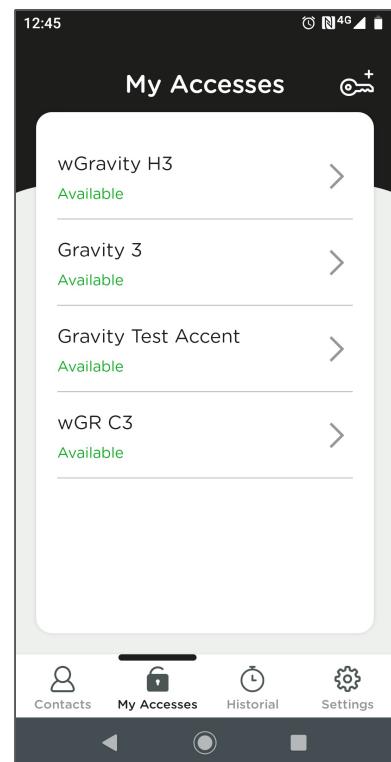
<https://itunes.apple.com/es/app/wdoor/id1448998840>

Once the Watchman Door App is installed and signed up, follow these steps in order to setup wMOT (the pictures shown are from Android version)

1 Open the App and login:



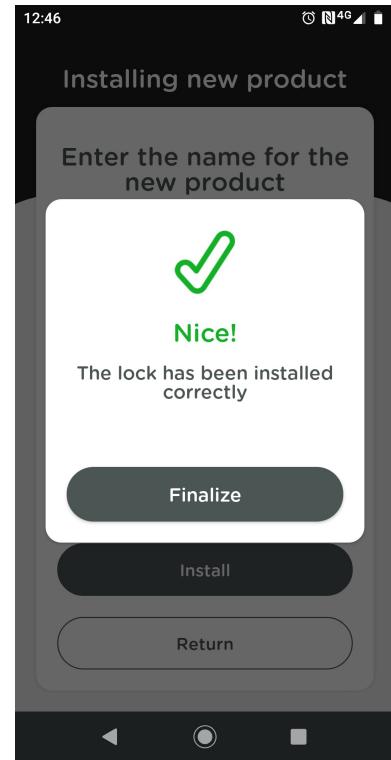
2 Click on the



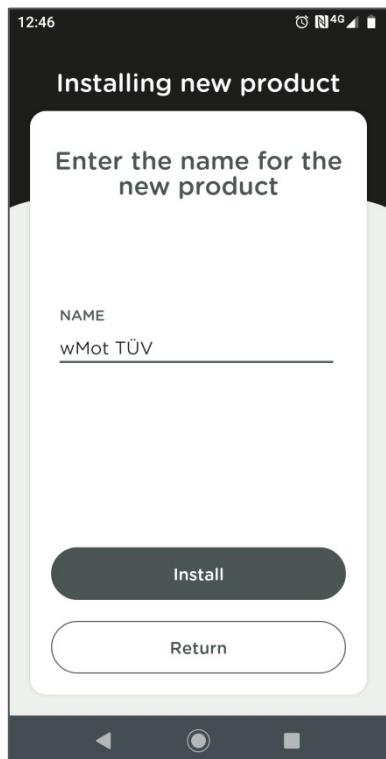
**3** Scan the QR code place in the wMOT box



**5** After installing OK, click on "Finalize"



**4** Enter a name for the product & click on "Install"



**6** Click on the product to connect

