

# Door / Window Sensor

Model RWX73F

## Installation instructions



### 1 General Description

The 2-Way door / window sensor offers protection against opening doors and windows. In addition, the sensor incorporates a high-security anti-sabotage feature.

### 2 Quick Device Allocation

The door / window magnet must identify itself to the WiComm Smart Hub. This can be performed either using the RISCO Express Wizard ([www.riscocloud.com/express](http://www.riscocloud.com/express)) by adding the extra sensor at the time of the Smart Hub system installation or later either by using the "Settings" on the Web ([www.riscocloud.com](http://www.riscocloud.com)) or using the WiComm Smart Hub, as follows:

1. Press the button on the WiComm Smart Hub for 5 seconds; the unit beeps once as it enters Learn mode (all the LEDs also light up, one after the other).
2. Detach the back of the sensor from the mounting bracket (See Figures 3A and 3B)
3. Remove sensor's red battery isolation strip (See Figure 2)
4. Put back the mounting bracket to send a signal transmission; the WiComm Smart Hub beeps once to accept or beeps three times to reject. Once accepted, the system announces the device type and its zone (for example, "Sensor, zone 1").
5. To complete allocation momentarily press WiComm Smart Hub button . A short beep is heard and the LEDs stop flashing.
6. Mount the detector
7. You can change the zone labels through the [www.riscocloud.com](http://www.riscocloud.com) website (for details, see the Reference Manual).

**Note:** For future use, it is recommended to write down the sensor description, zone number, and installation location of each allocated detector.

### 3 Mounting the Door / Window Sensor

You can mount the door / window sensor either using screws or adhesive tapes. Select a location best suited for communication quality. RISCO recommends placing the unit at the highest possible position.

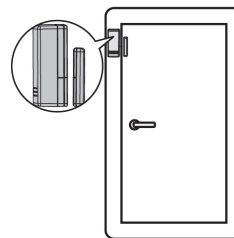


Figure 1

#### Mounting with Adhesive Tape

1. Peel the two-sided adhesive tapes from the sensor and magnet and temporarily attach the unit to this point.



Figure 2

2. Generate an alarm signal and verify that the receiver has received the signal. If the alarm signal is not detected, reposition the sensor and try again.

#### Mounting with Screws

1. Detach the back of the sensor from the mounting bracket (Fig. 2A). At mounting location note the alignment marks for both components (Fig. 2B), and then install accordingly using 2 mounting screws and back tamper screw (Fig 2C).
2. Detach magnet casing (Fig. 2D) and install with mounting screws (Fig 2E).

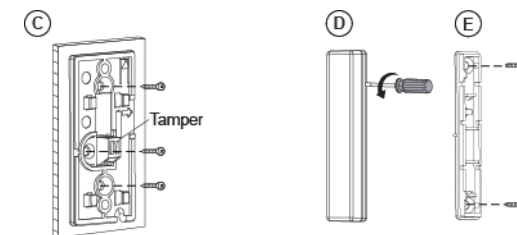
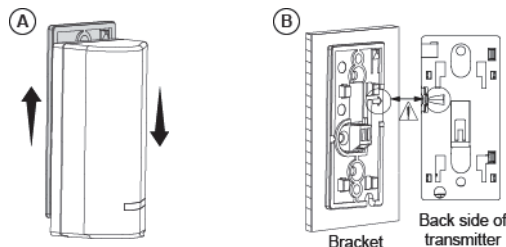


Figure 3

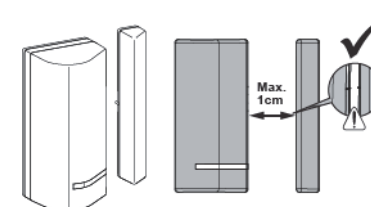


Figure 4

- Notes:**
1. It's best to mount the transmitter on the non-moving part (door/window frame), and the magnet on the moving part.
  2. The mark on the magnet's case must be aligned with the mark on the transmitter's case (Fig. 3).

### 4 Replacing Battery

1. Release screw using a Phillips screwdriver (A) and then insert a flathead screwdriver into the slot and twist to open cover (B).



Figure 5

2. Insert the battery while observing + - polarity.



Figure 6

3. Put back cover firmly into place and secure with screw.



Figure 7

**CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulations.

## 5 LEDS indication

LED Status	Indication
Short blinks	Successful enrollment
Short blink upon transmission	Normal operation
Short flash sequence during transmission	Low Battery

## 6 Technical Specifications

Electrical	
Battery Type	CR123 3V Lithium Battery
Current consumption	22µA standby
Frequency	915 MHz
Dead Time (HOLD ON)	2.5 minutes
Supervision Transmission	0-255 minutes
Battery Life	3 years typical
Contact size	32 x 35 x 72 mm (1.3 x 1.4 x 2.8 in.) Magnet Size: 16 x 11 x 72 mm (0.6 x 0.44 x 2.8 in.)
Environmental	
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	20°C to 60°C (-4°F to 140°F)
* Specifications are subject to change without prior notice	

## Standard Limited Product Warranty (“Limited Warranty”)

RISCO Ltd. (“RISCO”) guarantee RISCO’s hardware products (“Products”) to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by RISCO, for a period of (i) 24 months from the date of delivery of the Product (the “Warranty Period”). This Limited Warranty covers the Product only within the country where the Product was originally purchased and only covers Products purchased as new.

**Contact with customers only.** This Limited Warranty is solely for the benefit of customers who purchased the Products directly from RISCO or from an authorized distributor of RISCO. RISCO does not warrant the Product to consumers and nothing in this Warranty obligates RISCO to accept Product returns directly from end users who purchased the Products for their own use from RISCO’s customer or from any installer of RISCO, or otherwise provide warranty or other services to any such end user directly. RISCO’s authorized distributor or installer shall handle all interactions with its end users in connection with this Limited Warranty. RISCO’s authorized distributor or installer shall make no warranties, representations, guarantees or statements to its end users or other third parties that suggest that RISCO has any warranty or service obligation to, or any contractual privity with, any recipient of a Product.

**Remedies.** In the event that a material defect in a Product is discovered and reported to RISCO during the Warranty Period, RISCO shall accept return of the defective Product in accordance with the below RMA procedure and, at its option, either (i) repair or have repaired the defective Product, or (ii) provide a replacement product to the customer.

**Return Material Authorization.** In the event that you need to return your Product for repair or replacement, RISCO will provide you with a Return Merchandise Authorization Number (RMA#) as well as return instructions. Do not return your Product without prior approval from RISCO. Any Product returned without a valid, unique RMA# will be refused and returned to the sender at the sender’s expense. The returned Product must be accompanied with a detailed description of the defect discovered (“Defect Description”) and must otherwise follow RISCO’s then-current RMA procedure published in RISCO’s website at [www.riscogroup.com](http://www.riscogroup.com) in connection with any such return. If RISCO determines in its reasonable discretion that any Product returned by customer conforms to the applicable warranty (“Non-Defective Product”), RISCO will notify the customer of such determination and will return the applicable Product to customer at customer’s expense. In addition, RISCO may propose and assess customer a charge for testing and examination of Non-Defective Product.

**Entire Liability.** The repair or replacement of Products in accordance with this Limited Warranty shall be RISCO’s entire liability and customer’s sole and exclusive remedy in case a material defect in a Product is discovered and reported as required herein. RISCO’s obligation and this Limited Warranty are contingent upon the full payment by customer for such Product and upon a proven weekly testing and examination of the Product functionality.

**Limitations.** This Limited Warranty is the only warranty made by RISCO with respect to the Products. The warranty is not transferable to any third party. To the maximum extent permitted by applicable law, this Limited Warranty shall not apply and will be void if: (i) the conditions set forth above are not met (including, but not limited to, full payment by customer for the Product and a proven weekly testing and examination of the Product functionality); (ii) if the Products or any part or component thereof: (a) have been subjected to improper operation or installation; (b) have been subject to neglect, abuse, willful damage, abnormal working conditions, failure to follow RISCO’s instructions (whether oral or in writing); (c) have been misused, altered, modified or repaired without RISCO’s written approval or combined with, or installed on products, or equipment of the customer or of any third party; (d) have been damaged by any factor beyond RISCO’s reasonable control such as, but not limited to, power failure, electric power surges, or unsuitable third party components and the interaction of software therewith or (e) any failure or delay in the performance of the Product attributable to any means of communication provided by any third party service provider, including, but not limited to, GSM interruptions, lack of or internet outage and/or telephony failure. BATTERIES ARE EXPLICITLY EXCLUDED FROM THE WARRANTY AND RISCO SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN RELATION THERETO, AND THE ONLY WARRANTY APPLICABLE THERETO, IF ANY, IS THE BATTERY MANUFACTURER’S WARRANTY. RISCO does not install or integrate the Product in the end user’s security system and is therefore not responsible for and cannot guarantee the performance of the end user’s security system which uses the Product or which the Product is a component of.

This Limited Warranty applies only to Products manufactured by or for RISCO. Further, this Limited Warranty does not apply to any software (including operating system) added to or provided with the Products or any third-party software, even if packaged or sold with the RISCO Product. Manufacturers, suppliers, or third parties other than RISCO may provide their own warranties, but RISCO, to the extent permitted by law and except as otherwise specifically set forth herein, provides its Products “AS IS”. Software and applications distributed or made available by RISCO in conjunction with the Product (with or without the RISCO brand), including, but not limited to system software, as well as P2P services or any other service made available by RISCO in relation to the Product, are not covered under this Limited Warranty. Refer to the Terms of Service at: <https://riscocloud.com/ELAS/WebUI/UserLogin/License> for details of your rights and obligations with respect to the use of such applications, software or any service. RISCO does not represent that the Product may not be compromised or circumvented; that the Product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce the risk of a burglary, robbery or fire without warning, but it is not insurance or a guarantee that such will not occur or will not cause or lead to personal injury or property loss. CONSEQUENTLY, RISCO SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON ANY CLAIM AT ALL INCLUDING A CLAIM THAT THE PRODUCT FAILED TO GIVE WARNING.

EXCEPT FOR THE WARRANTIES SET FORTH HEREIN, RISCO AND ITS LICENSORS HEREBY DISCLAIM ALL EXPRESS, IMPLIED OR STATUTORY, REPRESENTATIONS, WARRANTIES, GUARANTEES, AND CONDITIONS WITH REGARD TO THE PRODUCTS, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATIONS, WARRANTIES, GUARANTEES, AND CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS, TO THE EXTENT PERMITTED BY LAW. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, RISCO AND ITS LICENSORS DO NOT REPRESENT OR WARRANT THAT: (i) THE OPERATION OR USE OF THE PRODUCT WILL BE TIMELY, SECURE, UNINTERRUPTED OR ERROR-FREE; (ii) THAT ANY FILES, CONTENT OR INFORMATION OF ANY KIND THAT MAY BE ACCESSED THROUGH THE PRODUCT SHALL REMAIN SECURED OR NON DAMAGED. CUSTOMER ACKNOWLEDGES THAT NEITHER RISCO NOR ITS LICENSORS CONTROL THE TRANSFER OF DATA OVER COMMUNICATIONS FACILITIES, INCLUDING THE INTERNET, GSM OR OTHER MEANS OF COMMUNICATIONS AND THAT RISCO’S PRODUCTS, MAY BE SUBJECT TO LIMITATIONS, DELAYS, AND OTHER PROBLEMS INHERENT IN THE USE OF SUCH MEANS OF COMMUNICATIONS. RISCO IS NOT RESPONSIBLE FOR ANY DELAYS, DELIVERY FAILURES, OR OTHER DAMAGE RESULTING FROM SUCH PROBLEMS. RISCO WARRANTS THAT ITS PRODUCTS DO NOT, TO THE BEST OF ITS KNOWLEDGE, INFRINGE UPON ANY PATENT, COPYRIGHT, TRADEMARK, TRADE SECRET OR OTHER INTELLECTUAL PROPERTY RIGHT IN ANY EVENT RISCO SHALL NOT BE LIABLE FOR ANY AMOUNTS REPRESENTING LOST REVENUES OR PROFITS, PUNITIVE DAMAGES, OR FOR ANY OTHER INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF THEY WERE FORESEEABLE OR RISCO HAS BEEN INFORMED OF THEIR POTENTIAL.

**WARNING:** This product should be tested at least once a week.

**FCC ID: JE4RWX73F915**

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.

Changes or modifications to this equipment which are not expressly approved by the party responsible for compliance (RISCO Group’s.) could void the user’s authority to operate the equipment.

### FCC Note

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 on and off, 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 the receiver.
- ◆ Connect the equipment into an outlet on a different circuit from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment which are not expressly approved by the party responsible for compliance (RISCO Group’s.) could void the user’s authority to operate the equipment.

© RISCO Group 03/17

5IN259