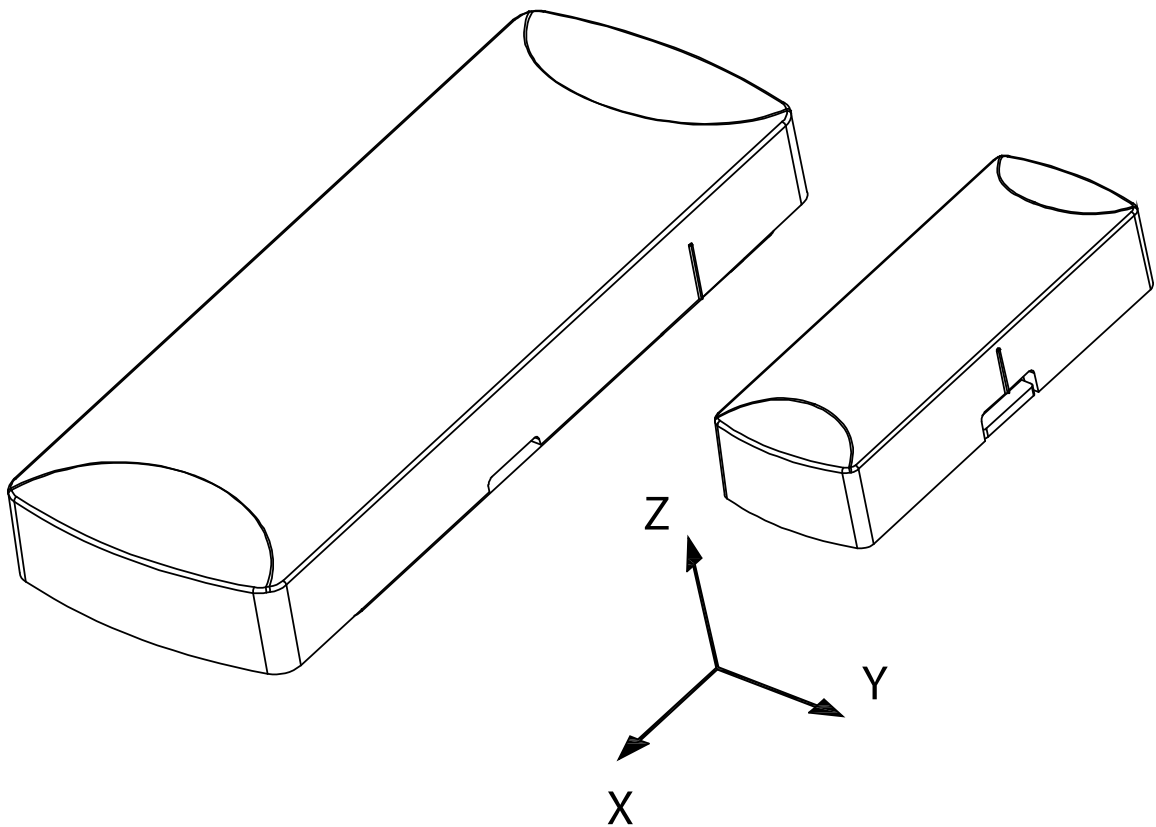




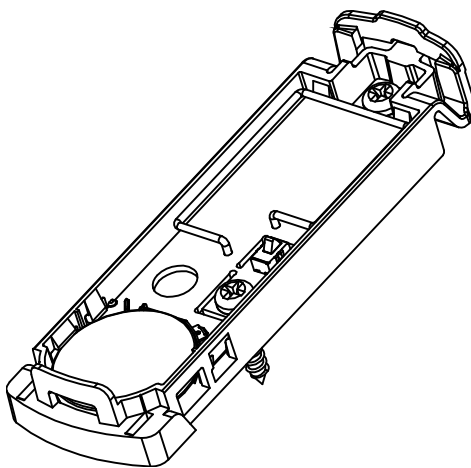
Wireless Micro DWS LoNa EN/Incert Installation Sheet

EN

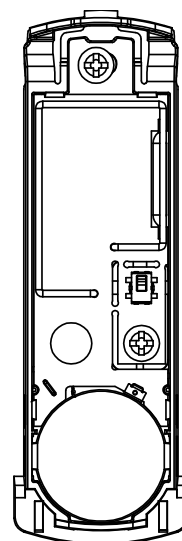
1

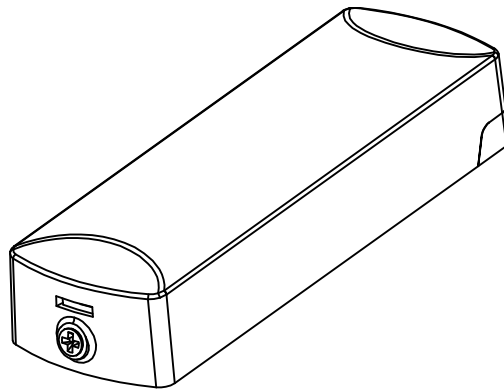


2



3





EN: Installation Sheet

Enrolling

To enroll the sensor, set your panel into program mode. Then go to the Learn Sensors menu. Refer to your specific alarm panel manual for details on these menus. Insert the battery. Close the case (you will hear a click when the case latches are engaging and disengaging). Then select the appropriate sensor group and number.

Mounting

One side of the sensor is marked with an arrow pointing up; this indicates the location of the reed switch. The magnet should be mounted facing this side of the sensor. Please check the table about distances to define the maximum distance in each direction. See Figure 1.

Included with this device is double sided tape for the contact and the magnet. Choose a suitable location for the sensor by following the procedure in the section "Testing the Sensor" ensuring desired signal strength is achieved. For reliable bonding, ensure the surface is clean and dry. Apply the tape to the sensor and then to the desired location. Apply firm pressure for several seconds.

Note: When mounting with double sided tape, ensure temperatures are above 10°C and will remain above 10°C for at least 24 hours to ensure proper bond. After 24 hours, the bond will hold at lower temperatures.

For security approved installations the contact back plate shall be screwed to the mounting surface. Any removal from the surface will activate the tamper.

An additional small screw is supplied in case you want to lock the sensor cover to its base. Please check country specific security standards whether this might be required. See Figure 4.

Where possible, install sensors within 30 m of the panel. While a transmitter may have an open-air range of 150 m or more, the environment at the installation site may have a significant effect on operational range. Changing a sensor location may improve wireless communication.

Testing the Sensor (Test Weekly)

The sensor test verifies proper communication between the sensor and the panel/receiver. To test the sensor, refer to the specific panel/receiver documentation and do the following:

1. Put the panel/receiver into sensor test mode.
2. Open the door/window the sensor is protecting. The sensor transmits a signal.
3. Listen for siren beeps to determine the appropriate response.
4. Exit sensor test mode.

Installing/Replacing the Battery

WARNING: Lithium battery inside!

Risk of burned skin, blindness, or death.

Risk of explosion or disabled safeguard if the battery is replaced by an incorrect type, subjected to extremely low air pressure, or used with another equipment.

Disposal into fire or a hot oven, heating above 100°C, mechanically crushing or cutting, disassembling, recharging, short circuiting, or exposing the battery to water can result in an explosion.



When the battery is low a signal will be sent to the control panel. To install/replace the battery:

1. Slide the top cover to disengage it from the sensor, then remove to reveal the battery.
2. Install/replace with a CR2032 battery ensuring the + side of the battery faces towards you.
3. Re-attach the cover. Ensure the Top (as marked on the inside of the cover) points away from the battery. You should hear a click when the cover engages properly.

Note: Removing the cover will trigger a zone tamper signal to the control panel.

Models

- **RF-1110-07-1** - mini DWS LoNa, white
- **RF-1110-07-3** - mini DWS LoNa, mahogany

Specifications

Compatibility	Interlogix LoNa transceivers (e.g. ZeroWire)
Wireless operating frequency	433.65 MHz
Power output	-2 dBm EIRP
Quiescent current	1.4 µA
Maximum current	15 mA
Low voltage fault	2.2 V
Battery	3 V lithium CR2032
Battery Life	5-8 years
Magnet Gap	15.5 mm maximum
Operating environment	
Temperature	0 to 49°C
Relative humidity	5 to 95% noncondensing

Distances

Distances are bidirectional unless specified in the table below.

Mounted on non-ferromagnetic material:

Approach distance X (switch closed)	15 mm
Removal distance X (switch open)	17mm
Approach distance (switch closed) Z+/Z-	35 / 32 mm
Removal distance (switch open) Z+/Z-	38 / 36 mm
Approach distance Y (switch closed)	23 mm
Removal distance Y (switch open)	27 mm

Minimum recommended installation distances are:

Approach distance X	10 mm
Approach distance Z	12 mm
Approach distance Y	16 mm

Regulatory information

Manufacturer	Placed on the market by: UTC Fire & Security Americas Corporation, Inc. 3211 Progress Drive, Lincolnton, NC, 28092, USA Authorized EU manufacturing representative: UTC Fire & Security B.V. Kelvinstraat 7, 6003 DH Weert, Netherlands
Certification	INCERT C-001-1419 EN 50131-2-6:2008 Security Grade 2 Environmental class II Tested and certified at Telefication B.V.
EU compliance	

Warnings and Disclaimers



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For more information on warranty disclaimers and product safety information, please check <https://firesecurityproducts.com/policy/product-warning/> or scan the QR code.

European Union directives



UTC Fire & Security hereby declares that this device is in compliance with the applicable requirements and provisions of all applicable rules and regulations, including but not limited to the Directive 2014/53/EU. For more information see: <https://www.utcssecurityproducts.eu/>

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.utcssecurityproducts.eu/recycle/.



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.utcssecurityproducts.eu/recycle/.

Contact information

www.utcfireandsecurity.com or www.interlogix.com

Customer support

For customer support, see www.utcssecurityproducts.eu