



EE1215W EchoStream® Door/Window Transmitter with Wall Tamper and Reed Switch

Installation Instructions

1 Overview

The Inovonics EE1215W door/window transmitter with wall tamper and reed switch comes with a magnet that supports a 16mm (5/8") gap, and can also monitor one normally open or normally closed external contact. The EE1215W has both case and wall tamper switches, and the housing can be secured with screws.

Note: If you are using an add-on receiver, you must use the reed switch.

1.1 Inovonics Contact Information

For product and installation videos visit us at www.inovonics.com/videos or use the QR code below.



If you have any problems with this procedure, contact Inovonics technical services:

- E-mail: support@inovonics.com.
- Phone: (800) 782-2709; (303) 939-9336.

1.2 EE1215W Internal Components

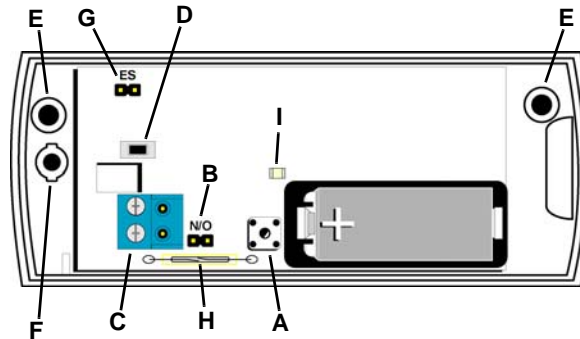


Figure 1 EE1215W components

- | | |
|--|------------------------|
| A Housing tamper button | B NO/NC selection pins |
| C Input terminal | D Reset button |
| E Wall-mount screw holes | F Housing screw hole |
| G EchoStream select compatibility selection pins | H Reed switch |
| I Transmit LED | |

1.3 What's In the Carton

- One 3.0V lithium battery, Inovonics part number BAT604.
- Two wall mount screws.
- Two wall mount anchors.
- Two selection jumpers.
- One housing closure screw.
- Magnet.

2 Installation and Startup

2.1 Installation Notes

- These products are designed to be maintained by professional security technicians.
- Products are tested for indoor use.
- All products should be manually tested weekly.

2.2 Install the Battery

1. Pry the top lip of the mounting bracket up, and lift the bracket off of the transmitter.
2. Install the battery.
3. Press the reset button.

2.3 Select Input Type

The NO/NC selection pins select a normally open (NO) or normally closed (NC) state for the contact circuit wired to the input terminal. If you are using the EE1215W set for normally closed, you will need to configure the device; if you are using the EE1215W set for normally open, skip to section 2.4, "Select the EchoStream Select Compatibility".

To configure the EE1215W for normally closed:

4. Remove the jumper from the NO/NC selection pins.
5. Press the reset button.

Caution: If only the reed switch is to be used, normally open must be selected for the external contact.

2.4 Select the EchoStream Select Compatibility

To meet ETSI requirements, Inovonics has developed a new line of EE 868MHz-only products. These new 868MHz-only products are compatible with older systems that include EchoStream select products. If you are using any ES products in your current system, you will need to enable EchoStream select compatibility on this new 868MHz-only product; if you are not using any EchoStream select products, skip to section 2.5, "Register the EE1215W".

To enable/disable EchoStream select compatibility:

6. Place a selection jumper on the enable EchoStream select compatibility selection pins.
7. Press the reset button.

2.5 Register the EE1215W

Transmitters must be registered with the system in order to be monitored and supervised. When supervised, the transmitter will send a check-in message to the receiver. Transmitters using the 868MHz frequency range for Europe will send a check-in message every 12 minutes. Each transmitter has a unique factory-programmed identification number. Refer to the receiver installation instructions for details on registering a transmitter.

8. When prompted by the receiver to reset transmitter, press the reset button.
9. Test the transmitter and ensure appropriate response.

2.6 Mount the EE1215W

10. Choose a mounting location that will allow the magnet to be located parallel to the transmitter such that there is no more than a 16 mm (5/8") gap between it and the internal contact magnetic reed switch, and on a non-ferromagnetic surface.

11. Route the external wiring through the wall, as shown in Figure 2.

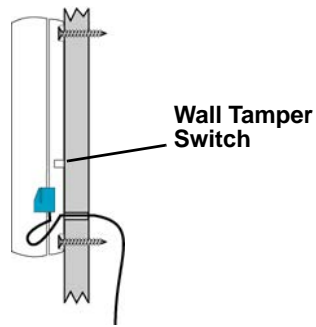


Figure 2 Mount the Transmitter to the Wall

12. Mount the transmitter to the wall using the wall-mount screw holes, ensuring the housing is flush against the wall and the wall tamper switch is firmly depressed.
13. Close the housing.
14. Mount the magnet on a non-ferromagnetic surface so that it is parallel to the transmitter with no more than a 16mm (5/8") gap between it and the internal contact magnetic reed switch.
15. Secure the housing through the enclosed housing screw hole.

3 Specifications

External contacts: N/O or N/C.

Distance, external contact to transmitter: 3m (10 ft) maximum.

Mounting distance, magnet to internal magnetic reed switch: 16mm (5/8").

Mounting surface: Non-ferromagnetic surface.

Make/break distance, magnet to magnetic reed switch: make 26mm / break 27mm.

Power requirements: 3VDC, 60 mA.

Quiescent current: <10 uA.

Low battery detection: 2.4VDC.

Typical battery life: 3-5 years.

Battery type (BAT604): Panasonic CR123A or equivalent.

Tamper: Type B, fixed/mounted.

Operating environment: -10° to 60°C (14° to 140°F), up to 90% relative humidity noncondensing.

Dimensions: 10.5 x 4.5 x 2.3 cm (4.1 x 1.8 x 0.9").

Weight: 98g (3.4 ounces).

RF frequency range: 868-869 MHz.

Compliance: Security Grade 2; Environmental class II.

Certification: Telefication B.V.

Output power: 25mW.

Firmware revision: 90770, v3.2.

Countries in which Inovonics European products can be distributed: Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom.

Note: Specifications and data are subject to change without notice.

Caution: Changes or modifications to this unit not expressly approved by Inovonics may void the installer's authority to operate the equipment as well as the product warranty.

4 Simplified Declaration of Conformity

Hereby, Inovonics declares that the radio equipment type EE1215W is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address: www.inovonics.com

5 US Patent Numbers

- 7,154,866.
- 7,554,932.
- 7,746,804.
- Other patents pending.