

EN5061 Flush Mount Locator

Installation and Operation Manual

1 Overview

When deployed as part of an Inovonics mobile duress or senior living system, EN5061 flush mount locators help determine precise floor and room location to improve response times in a ligature-resistant, unobtrusive, and tamper-proof design.

1.1 Inovonics Contact Information



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 EN5061 Flush Mount Locator

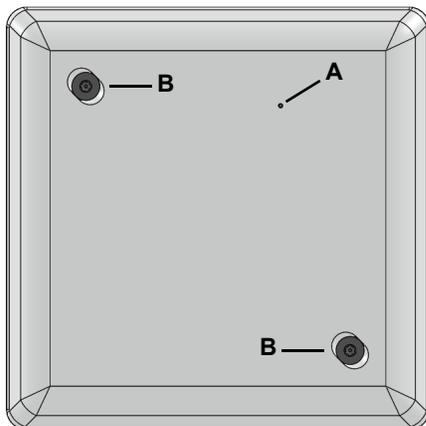


Figure 1 EN5061 flush mount locator
A Power LED B Mounting screws

2 Installation and Startup

2.1 Installation Notes

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

2.2 Installation Best Practices

For best performance, mount the EN5061 device on a wall, at least six feet from the floor, and without any obstructions in its line-of-sight to the remainder of the room. If this is not possible, the EN5061 can be installed on the ceiling. In this case, it is best to mount the EN5061 as near to the center of the room as possible, in a location where it has good line-of-sight to the remainder of the room.

2.3 Install the EN5061 Flush Mount Locator

Note: Flush mount locators must be registered with the site prior to removal from packaging and installation. Contact Inovonics technical services if you require training.

Installation of the flush mount locator requires a metal 4" square, 2 1/8" deep cut-in box be pre-installed in the wall. For flush mount locator installation, the box must have mounting screw-holes at diagonally opposite positions, with one in the upper left and one in the lower right. Inovonics recommends the Steel City 4" square box, part number 52171-3/4, for new construction; and the Steel City 4" old work cut-in, part number 52171-OW, for retrofit installations.

Power cabling for either 12VAC 60 Hz or 12-24VDC must be present and routed to the inside of the cut-in box, with stripped pigtailed per local electrical code. Each flush mount locator consumes 670mW maximum.

1. Install the cut-in box per manufacturer's instructions and local building and electrical codes.
2. Connect power cabling to either power terminal pair.

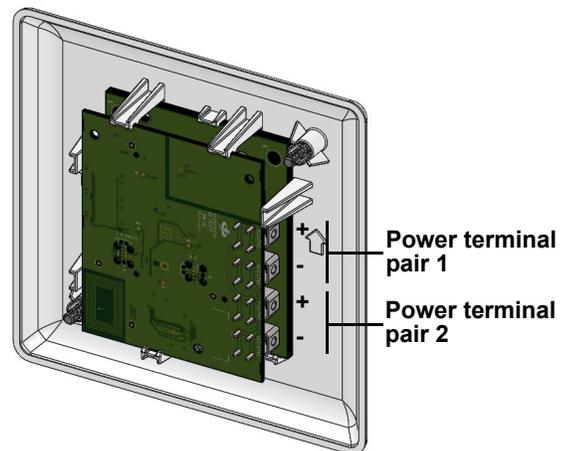


Figure 2 Connect power cabling

- If using DC power, make sure to connect cabling to positive and negative, as indicated above the terminals.

Note: If you are planning to daisy chain the power, you can use the second pair of screw terminals to attach to the power cable to the next unit.

3. Use the supplied tamper-resistant Torx 8-32-3/4" flat head screws to mount the flush mount locator in the cut-in box.
 - Be careful not to overtighten screws or flex cover.
4. Apply power.
5. Ensure the flush mount locator's power LED lights solid green.



3 Specifications

Faceplate: 5.50" x 5.50" x 1.01" (139.7 mm x 139.7 mm x 25.7 mm).

Weight: 4.8 oz. (136 g).

Operating environment: 32 to 113°F (0 to 45°C), 90% relative humidity, non-condensing.

Power requirement: 12VAC 60 Hz or 12-24VDC 670 mW.

Operating frequency: 902-928 MHz; 2.402 GHz to 2.480 GHz.

Regulatory: FCC Part 15, Subpart C, RSS-247 Issue 2, RoHS Directive 2015/863.

FCC ID: HCQBWA02.

IC: 2309A-BWA02.

HVIN: 00070-04.

Note: Inovonics supports recycling and reuse whenever possible. Please recycle these parts using a certified electronics recycler.

4 Regulatory Compliance

4.1 Television and Radio Interference

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:

- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

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

4.2 FCC Part 15 and Innovation, Science and Economic Development Canada (ISED) Compliance

This device complies with part 15 of the FCC Rules, and ISED license-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 that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique 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.

4.3 Radiation Exposure Limits

FCC

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm during normal operation and must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme avec ISED RSS-102 des limites d'exposition aux rayonnements définies pour un environnement non contrôlé. Cet émetteur doit être installé à au moins 20 cm de toute personne et ne doit pas être colocalisé ou fonctionner en association avec une autre antenne ou émetteur.