

ADVL1280 Asset Tag

Installation and Operation Manual

1 Overview

When deployed as part of an Inovonics advanced location network, the ADVL1280 asset tag allows you to accurately locate essential equipment in near real time to improve efficiency and support loss prevention measures.

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: 1.800.782.2709, option 2.

1.2 Asset Tag Components



Figure 1 Pendant components

A Battery tab

2 Installation and Startup

2.1 Installation Notes

- These products are designed to be maintained by professional technicians.
- Products are intended for indoor use.

2.2 Installation and Startup

1. Ensuring the label side is facing out and the arrow facing up, use the included double-sided tape or zip ties to attach the asset tag to the asset to be monitored.
2. Remove the battery tab to activate the asset tag.
 - Once the asset tag is activated, the LED will begin to flash, indicating transmission. The asset tag transmits its location every ten seconds when motion is detected, going into sleep mode to preserve battery life when motionless for more than 30 seconds. During sleep mode the asset tag will wake every 30 minutes to send a location update.

3 Change the Battery

The asset tag uses one standard CR2032 coin cell battery. To change the battery:

1. Use your thumbnail to separate the asset tag housing.



Figure 2 Open the asset tag housing

2. Remove the old battery.
3. Insert the new battery, with the negative side down.

4 Specifications

Dimensions: 1.44" x .93" x .2" (36.5 x 23.5 x 5.2mm).
Weight: .5 oz (15 g).

Operating temperature: -4° to 140°F (-20° to 60°C).

Operating environment: Up to 95% (non-condensing).

Estimated battery life: Up to four years.

Battery type: User-replaceable CR2032 lithium metal coin-cell battery.

Storage requirement: -4° to 140°F (-20° to 60°C) without battery; 50° to 77°F (10° to 25°C) with battery.

Frequency: 2.4 GHz.

Check-in time: 30 minutes.

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

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

5 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:

- 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.

6 FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.



7 FCC Part 15 and Industry Canada Compliance

This device complies with part 15 of the FCC Rules and Industry Canada 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, including interference that may cause undesired operation of the device. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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

8 Medical Device Interference

Under FDA and FCC guidelines, the responsibility for verifying continuous and safe operation of medical devices such as pacemakers and implanted defibrillators in the presence of electromagnetic interference (EMI) rests with the manufacturer of the medical device. As such, Inovonics does not have the authority or specific device knowledge to conduct or interpret formal tests on their behalf.

Inovonics transmitter devices comply with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standards.

If you have any concerns about the use of Inovonics transmitter devices in the presence of medical devices used by a particular resident or patient, we recommend that you consult with their physician. Another potential source for answers is the medical device manufacturer, who can provide more information as to their compliance with federal guidelines and how they have addressed EMI risk.

9 Radiation Exposure Limits

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter 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. Les utilisateurs finaux doivent suivre le fonctionnement spécifique instructions pour satisfaire la conformité à l'exposition RF. Cet émetteur doit pas être colocalisé ou fonctionner conjointement avec une autre antenne ou émetteur.