Asset Tag (AT-1U-H1) User Guide

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The Enlighted Asset Tag is a small, battery-powered device which broadcasts information using Bluetoth Low Energy (BLE) advertisements. The tag is designed to be attached to a wide variety of mobile assets. The messages are received by the Enlighted Smart Sensors network and transmitted to the *Where* location engine. The location of the asset within the facility can be monitored continuously using the *Where* application.

Figure 1: Asset Tag – Preliminary Design

Tag Activation

When the tag is shipped, it is in a deep sleep mode and must be activated before use. To activate the tag, follow the activation sequence described below:

Press and release the button on the tag for a minimum of 15 times over a 10 second duration. The LED blinks green for five seconds to confirm that the activation sequence has been detected and the tag is ready.

Tag Registration

Each tag has a unique ID etched on the top in the form of a bar code. The *Where* application is used to register the tag ID using a barcode reader. See *Where User Guide* (Doc. No: 93-01916-01) for more information about tag registration.

Battery Life

The tag's battery life is five years battery life with normal usage. Batteries are not replaceable for IP66 rated cases.

FCC and Industry Canada Compliance Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. The operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). The operation is subject to the following two conditions:

- this device may not cause harmful interference, AND
- this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Enlighted Inc. 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:

- l'appareil ne doit pas produire de brouillage, ET
- l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Model: AT-1U
No: AT-1U-H1
FCC ID: AQQ-AT1U
IC: 10138A-AT1U

Manufacturer

Enlighted Inc.
930 Benecia Ave, Sunnyvale, CA 94085
Phone: 1.650.964.1094
Web: enlightedinc.com

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