



### USER GUIDE

- Reinforced
- Completely water tight
- Long service life
- Highly robust communication protocol
- Easy to install

The TAG-X Transceiver is an autonomous transceiver that is used primarily for the identification, control and management of assets using RF (radio frequencies). The TAGs may be used in conjunction with active base station receivers. The tag may be affixed to assets in order to perform data collection.

### ***Description of the system;***

The TAG system has been developed with the goal of providing the following services.

- Data transfer, logging and Telemetry
- Temperature monitoring
- Humidity monitoring
- Automated inventory management
- Automated fleet management

### ***TAG Transceiver Installation guidelines;***

The TAGs must be installed by qualified personnel.

The housing must be affixed to a solid surface using materials that will prevent rattles and or (fall-off) .

The entire mating surface must be used in order to ensure a solid installation.

The housing must be installed on surfaces that will not rust over time.

### ***Using the TAG transceiver;***

PRIOR to initialization ensure that tags are installed according to installation guidelines. Upon initialisation the tags will register on the network and create a secure connection. This is an automated process and requires no interaction.

### ***REMOTE (Re-start / Re-initialization);***

The Re-start function is used primarily as a preventative measure. A clean Re-start is required in order to flush all of the system buffers. The Re-initialization function is used in order to re-name and change a tag ID.

## **WARNINGS;**

- This equipment may only be used and serviced by authorized personnel
- Follow all applicable regulatory and safety guidelines when choosing a location
- Do not install the tag on semi-rigid surfaces
- Do not install the tag on moving structures
- Do not tamper with or modify the tag enclosure under any circumstances.
- This equipment must be professionally installed.
- The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from the radiating element to any nearby persons.
- This device and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter.”
- The cell in the tag enclosure is not user replaceable and non-rechargeable.

IC and FCC warning statements:

**(EN)**

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

**This device complies with Industry Canada licence-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.**

**(FR)**

**Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur de faire fonctionner l'équipement.**

**Cet appareil est conforme avec les standards CNR d'industrie Canada (opération exempt de licence. L'opération est soumise aux deux conditions suivantes: (1) cet appareil ne peut pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.**