

2T8000US ASSET / VEHICLE TAG

Product Information Sheet

Description

The Protrac series 2 Active Tags are powered by an internal lithium battery. The tag will, for the duration of its life, transmit a Radio Frequency (RF) signal at a pre-set time interval. The tag life is estimated at 5 years.

The transmitted tag data includes Customer Site Code (CSC), Tag ID, Tag Age Counter Value, Movement Alarm and Tamper Alarm status. For protection against adverse environmental conditions, Protrac Asset Tags are encapsulated in a moulded plastic case, which is ultrasonically sealed during the manufacturing process.

The 2T8000US tag is generally used for Asset tagging applications and is ideally suited for operating on metallic surfaces (or plastics containing a high metal content).

Optional Extras: in-built tamper switch for alarm upon tag removal, motion sensing alarm, temperature sensor for reporting ambient temperature.



Features

- Active 24 x 7
- High Impact resistant UV stabilised PVC constructions.
- Transmission unaffected by materials in the surrounding environment.
- Easily fixed to all surfaces including metal.
- Convenient size (60mm x 29mm x 13mm) for application to large and small assets.
- Tags attached to road transport, rolling stock and cargo are monitored at speeds up to 220kph.
- Can be read by fixed, mobile or hand held receivers.

Specifications

Model.....	2T8000US
Frequency.....	433.92 Mhz
ERP.....	<300 Micro Watts
Sensitivity.....	-103 dBm
Transmission Range.....	0.4 - 50 Meters
Variable Transmission Rate.....	10 sec to 180 sec
Modulation.....	OOK
Battery.....	Internal Lithium
Operational Temperature.....	-30°C to +70°C
Size.....	60 x 29 x 13 mm
Weight.....	20 grams
Material.....	UV Stabilised PVC (IP65)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Caution any changes or modifications not expressly approved by Protrac ID Pty Ltd could void the user's authority to operate the equipment.

NOTE: 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. 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 their own expense.

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