

Tag

Product Code: TG2000

Series: W

Description: Asset Tag – Mini

An internal battery powers the Wavetrend W-series of Active Tags. The Secure Card 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 at a transmission time interval of approximately 1.5 seconds. The lifespan of the Tag ends when the battery life is exhausted. Battery status can be inferred by interrogating the internal Tag Age Counter Value.

The transmitted Tag data could include optional Customer Site Code (CSC), Tag ID, Tag Age Counter Value, Movement Alarm and Tamper Alarm status, Tamper logged status, etc.

For protection against adverse environmental conditions, Wavetrend Tags are encapsulated in a moulded ABS plastic case, which is ultrasonically sealed during the manufacturing process.

The Tag can be configured to accommodate Wiegand interfacing.

The Tag has an anti-tamper status that is set whenever the tag is tampered with.

The Tag has an auto wake function. When it is secured with the anti-tamper kit it will automatically 'wake-up' after 5 minutes and start transmitting its pre-configured data.

The Tag is generally used for personnel tagging, although it may be used in other applications such as asset monitoring. The mounting and affixing of a Tag depends on the type of application.



Features:

- Configurable settings, including Site / Vendor ID, Tag ID, Transmission Repetition Interval, User Data , and Alarm functions (these are programmed at order placement stage)
- Low power consumption. Tag life is estimated at 5 years when transmitting at a 1.5 second interval.
- Housing incorporates a key-slot for convenient wearing
- A Collision avoidance algorithm is used to disperse the transmissions around the mean repetition interval

Specifications:

Environmental

Operational temperature	-10° C to +60° C
Storage temperature	-20° C to +70° C
Humidity	5% to 90% (non condensing)

Physical

Size	68 mm x 31.6 mm x 13 mm
Weight	18g
Colour	Black
Type of material	ABS (ultrasonically sealed) IP 65

RF Specifications

T _x Frequency	433 Mhz
Field strength	TBD
Modulation	ASK
Bandwidth	300kHz

Electrical Specifications

Power	Internally powered Lithium Battery
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Certification:

TBD

Summary of tests:

TBD

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