

TriTagIT T340 Active Passive Tag



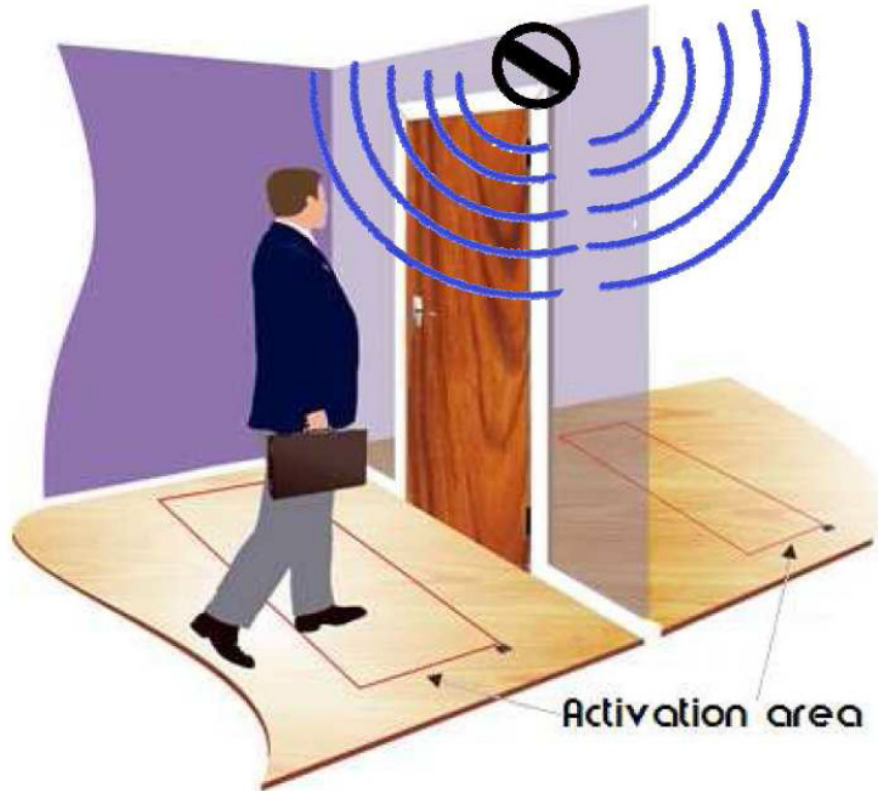
Multiplex system for multiple doors in close proximity

The T340 Active Passive Tag differs from standard RF-id in its accuracy and its application in that it can receive a beacon ID from a modulated energiser that creates an electromagnetic field.

The Energiser ID (1 to 64) is appended to the Tag ID. This enables the application software **to determine accurately which zone the Tag has last passed through.**

Two Zones can be set up at entrances to rooms, fire exits etc, thus determining if the asset and or person is entering or leaving the zone **without presenting a Tag.** If the Tag is read by a reader on the floor above or below by an alternate reader, the last read Zone, will give an indication of which floor the Tag is actually on.

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The T340 will transmit an Auto Test signal periodically enabling a reader located within 30 meters (radius) to read the information from the T340. This information includes the last known position (Energiser), Tag ID and battery status. The location of both people and assets within a 30 meter radius can be ascertained.

The T340 asset Tag also includes a movement sensor (not fitted to personnel Tag). When the Tag is moved it transmits a movement beacon every 10 seconds.

The Energiser frequency passes through both liquids and solids. Hiding the asset behind the human body is futile.

Expected battery life is two years or more dependent on usage.

The T340 can be used for the following applications

Applications	Benefits
<ul style="list-style-type: none">• Automatic vehicle recognition for opening a boom.• People tracking and asset tracking within a multi-storey office complex.• Access control.• Parking Control.• Warehouse asset tracking (Pallets).	<ul style="list-style-type: none">• Reduce Shrinkage• Trace and recover assets• Save on Insurance• Effective Risk Management• Allocate Responsibility

The T340 is housed in a robust housing that is attached to the assets with a special high bond tape that cannot be removed without triggering a tamper alarm via the long range RF.

A vibration sensor will detect a moving asset and report it via the long range RF.

The lid has an area to badge the product by the re-seller.

The T340 has comes in two models; Asset Tag and ID Badge.

The T340 Asset Tag is housed in a PVC housing measuring 67 x 53 x 11mm as detailed



The standard colours are RED and Blue.

In addition to the Asset TAG we offer the same technology in the form of an ID card.

The T340 ID badge card holder for tracking people and pairing them to their Laptop (asset).

There are two models –

T340-ID; this has no Panic button activation.
T340-ID-P; this has the Panic Button Activation.



Credit card size cards will slot into the front of the housing such as standard access control cards will fit into the housing.



Panic button option on ID cards

Energisers come in various form factors to suite your environment

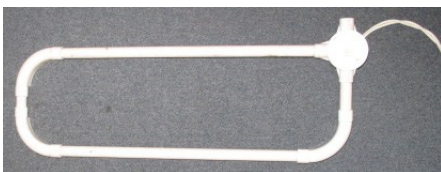
The Energiser is a stand-alone unit.

It is powered by an external 15Vac Power Supply with battery backup, and is ordered as separate item. The battery backup works for more than 48hrs.



The Zone address is set up once during installation using dip switches. Various antennas are offered for the Energiser, depending on –

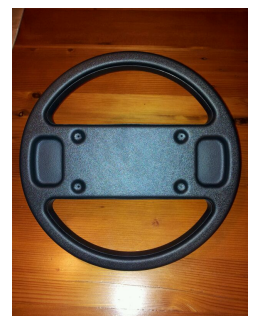
- Range of activation. The size of the antenna determines this, the bigger the antenna the longer the energisation field. There is a limit to the size!
- Aesthetics.



Antennas can be built into PVC tubing; copper tubing, plastic enclosures or any other non-ferrous material. As the field can penetrate all non ferrous materials, placing the antenna behind a wall or under a desk works very well. Activation Range is

dependant on the frame size.

The “Steering wheel antenna” is suitable for indoor and outdoor conditions, and comes in two sizes; 30cm and 50cm in diameter.



30cm Steering wheel antenna.

Activation Range is 1.8 meters front to back and two meters left to right at its widest point.

50cm Steering wheel antenna.

Activation Range is 2.4 meters front to back and two meters left to right at its widest point.

The rear of the antenna has a 6mm screw thread. You can use a suitable camera bracket with an adjustable ball joint to mount the antenna.



OR

We can custom build you a bracket that fits to the unit, the back of the unit would then look →

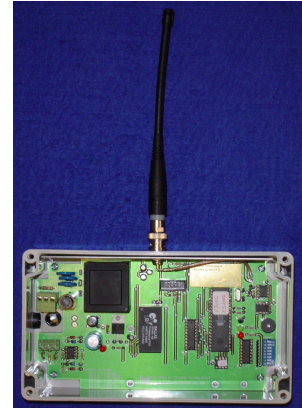


Active Tag Reader.

The Active Tag Reader Receives the Tag data, processes it and passes it on to the Application software. Please read the documentation for the Active Tag Reader.

The Reader is mains powered. The Receiver has adjustable sensitivity so as to vary the range of the Tag. The Tag output power is constant. There is one relay and one input which are controlled by the application software. Uses include locking doors activating alarms etc. The input is used to tell the application software to disable the alarm.

The standard model is RS485. An Ethernet card can be added at an additional cost. The price quoted in this document includes the Ethernet.



**If you require more information on this product
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