

Cryptag[®]

TM1 Personnel Tag



Features

- Multiple Tag Identification;
- Secure Data Exchange;
- High Fidelity Identification;
- Active Tag;
- Unique Tag Identities;
- Inert Technology;
- CE, DTI, FCC & IS Approved.

Details

All Cryptags[®] can be simultaneously interrogated without losing fidelity. The RF communication between each Cryptag[®] and reader is scrambled to eliminate the chance of simulated tokens being used. Active (battery powered) Cryptags[®] offer real 'hands free' ranges in excess of 1.5 metres.

Cryptags[®] patented technology offers many benefits to systems designers, integrators and end users. Not least of these is that the tags do not interfere with other electronic surveillance systems causing false alarms etc. The typical error rate for Cryptags[®] is 1:10 million in worst case noise, this is significantly better than most other tag systems. Cryptags[®] are manufactured with a programmable 31 bit code, strict factory audits ensure no two tags are issued with the same ID number.

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Specification

Specification	Details
Dimensions	86 x 54 x 4.5mm
Temperature range	-20°C to +60°C (non condensing)
Housing	Black ABS with Polycarbonate label insert
Weight	34g
Colour	Black (Std)

Active Cryptags® have a shelf life of 7 years or greater stored at 20°C. Operational life is dependent upon usage. However based upon 36 uses per day of 10 seconds each, or 6 minutes continuous interrogation per day, typical life at 20°C is 5 years or greater. Intrinsically safe tags and bespoke tag designs are available from Identec. For further information contact the office detailed below.

Order Information

Ordered as TM1 (please state HID & PID details from previous order if applicable).
TM1-IS Intrinsically safe version (please state HID & PID details from previous order if applicable).

Applications

Numerous applications have been undertaken to date, these include but are not limited to:

- Personnel Identification;
- Vehicle & Driver Identification;
- Business Article Surveillance;
- Simultaneous Personnel & Product Tracking and Process Control.

Product specifications are subject to change. Identec reserve the right to modify the design without notice. If any specification is critical to product selection please confirm its availability prior to ordering. E & OE.

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