

# Cryptag® Census®

## TC1 Personnel Tag



## Features

- Active Personnel Tag;
- Robust;
- Dormant Outside Census Reader Fields;
- One Time Programmable 32 or 64 bit Tags;
- Hands Free Reading up to 3 metres;
- Battery Low Indication;
- Encrypted Data Exchange;
- 1:100 Million Error Rate;
- CE, DTI & FCC Approved.

## Details

Cryptag® Census® tags can be simultaneously interrogated with no loss of fidelity. The RF communication between each tag and reader is scrambled to eliminate the chance of simulated tokens being used. Battery low indication is a standard feature.

Cryptag's® 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 resulting in false alarms etc. The typical error rate for Cryptag® Census® is 1:100 million in worst case noise, this is significantly better than any other tag system. Cryptag® Census® tags can be supplied with a fixed one time programmed 32 or 64 bit code. Strict factory audits ensure no two tags are issued with the same ID number.

### Identec Ltd

Mercantile Rd, Rainton Bridge Ind. Est, Houghton le Spring, Co Durham DH4 5PH. England.  
Tel: +44 (0)191 584 4084 Fax: +44 (0)191 584 9077 Email: [info@identec.com](mailto:info@identec.com) Web: [www.identec.com](http://www.identec.com)



The TC1 Cryptags® have a shelf life of 7 years or greater stored at 20°C. Operational life depends 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. All Census® products operate in the temperature range -20°C to +60°C. Intrinsically safe version is available (TC1-IS).

## Specification

| Specification     | Details                            |
|-------------------|------------------------------------|
| Dimensions        | 86 x 54 x 4.5mm                    |
| Weight            | 28g                                |
| Temperature range | -20 to +60°C (non condensing)      |
| Housing           | White ABS with Polycarbonate label |
| Colour            | White (Std)                        |

## Order Information

Ordered as **TC1** (TC1A - USA system). Intrinsically safe version **TC1-IS** (TC1A-IS - USA system)

## Applications

The product is suitable for numerous applications, they include but are not limited to:

- Hands Free Access Control;
- Time and Attendance;
- Emergency Evacuation Monitoring;
- Personnel Safety;
- Car Parking Access;
- Personnel Identification;
- Personnel Tracking.

*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. June 05*

### Identec Ltd

Mercantile Rd, Rainton Bridge Ind. Est, Houghton le Spring, Co Durham DH4 5PH. England.

Tel: +44 (0)191 584 4084 Fax: +44 (0)191 584 9077 Email: [info@identec.com](mailto:info@identec.com) Web: [www.identec.com](http://www.identec.com)

