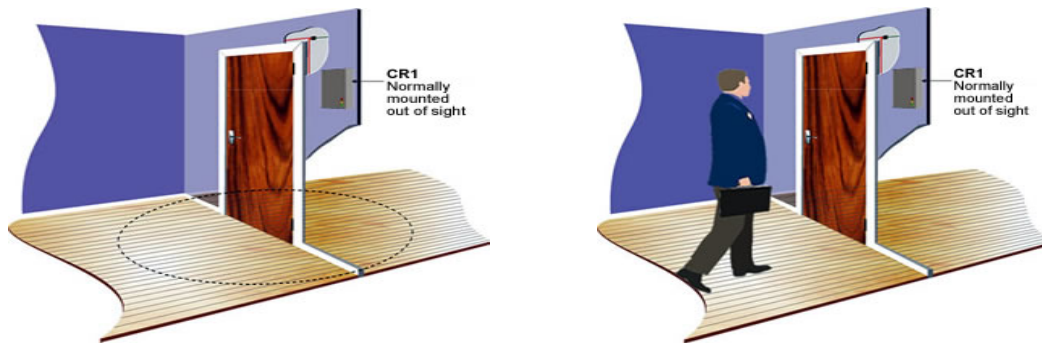


Cryptag® Census®

CR1 Hands Free Reader (Single loop aerial)



Features

- Hands Free Operation (up to 3.0 metres with external aerial);
- Internal or External Aerial;
- Tag Battery Low Indication;
- Fast Multiple Tag Reading (max 55/sec.);
- Secure Data Exchange;
- 1:100 Million Error Rate;
- Wiegand or Clock & Data and Serial output;
- Reverse Polarity Protection;
- CE, DTI & FCC Approved.

Details

The CR1 Census® reader comprises a single loop aerial and reader electronics which are compatible with all Cryptag® Census® tags. The radio-frequency communications are scrambled.

The unit is supplied with an internal aerial that provides a maximum detection zone of 1.2 metres when used with standard TC1 Census® tags. Detection zone may be increased by the use of an external aerial. A reading range of up to 3.0 metres is possible using a 2 metre square external antenna (See Cryptag® Census® Product Matrix for further information).

All CR1 readers provide Wiegand or Clock & Data, as well as RS232 output. Advanced features include local alarm outputs, print option and an optional counter display (See IDN1, EDN1 for further information). MatchMaker reader firmware enables tag pairing.

Specification

| Specification | Details |
|--------------------|--|
| Power requirements | 12-26 Volts DC @ 200mA |
| Dimensions | 300 x 230 x 80mm |
| Weight | 1.4kg |
| Temperature range | -20 to +60°C (non condensing) |
| Housing | Charcoal Grey ABS case |
| LED function | RED internally/externally controlled AMBER internally/externally controlled GREEN internally/externally controlled Noise indication, Data Sent Indication |
| Output Formats | Wiegand or Clock & Data & RS232 |
| Terminations | 2.5mm removable connectors |

Order Information

Ordered as **CR1** (**CR1A** - USA system).

Applications

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

- Hands Free Access Control;
- Car Parking Control;
- Personnel Identification;
- Personnel & Product Tracking;
- Sports Timing.

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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