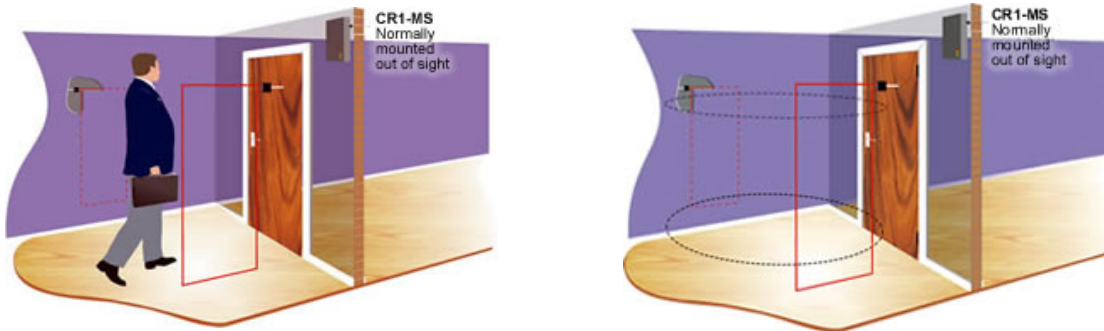


Cryptag® Census®

CR1-MS Hands Free Reader



Features

- Hands Free Operation (up to 3.0 metres with external aerial);
- Highest Probability of Tag Identification;
- 2 x External Loop Aerials;
- Tag Battery Low Indication;
- Fastest Multiple Tag Reading (max 55/sec.);
- Secure Data Exchange;
- Reverse Polarity Protection;
- Encrypted Data Communications;
- 1:100 Million Error Rate;
- Wiegand or Clock & Data & Serial Output;
- CE, DTI & FCC Approved.

Details

The detection zone of the CR1 can be increased by use of the CR1-MS. The highest detection probability is achieved if the aerial detection zones are set to overlap by suitable placement of the two aerials (e.g. using loops facing one another). Alternatively the two loops can be laid or fixed side by side to increase the size of the detection zone. The additional aerial does not affect the speed of reading tags. Reading ranges vary with the type of tag used, please refer to the Cryptag® Census® Products 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	1.6kg
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-MS (CR1A-MS - USA system).

Applications

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

- Evacuation Roll Call;
- Personnel Safety;
- Hands Free Access Control;
- Personnel Identification;
- Article Identification;
- 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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