

Cryptag® Census®

ELCx Label Reader



Features

- Hands Free Operation (500 mm or 1.0 metre);
- Multiple Identification (8 tags max);
- Low Cost Slim Profile;
- Single Piece Reader;
- Simple Installation;
- Indoor/Outdoor Use;
- Secure Data Exchange;
- 1:100 Million Error Rate;
- Wiegand or Clock & Data & Serial Output;
- CE, DTI & FCC Approved.

Details

The Cryptag® Census® "Label" reader can simultaneously interrogate tags up to 1.0 metre from the readers face. The range can be reduced to 500mm using a selector link. The RF communications between each Cryptag® Census® tag and reader is scrambled to eliminate the chance of simulated tokens being used.

The "Label" reader is suitable for flush mounting directly on a wooden door when it produces a profile of 4.5mm. A 10mm spacer is provided to enable surface mounting on glass or other surfaces. The unit is designed to secure directly to a standard electrical switch back box for flush mounting on a wall. It is also suitable for pole mounting when used for car park applications.

The reader can be configured with a number of output options including "open format" 26 bit Wiegand, special format Wiegand or Clock & Data. These outputs are complemented with an RS232 compatible serial output as standard, thus enabling two data acquisition systems to be addressed simultaneously.

Specification

Specification	Details
Power requirements	6 to 18 volts DC @ 70mA
Dimensions	214 x 163 x 4.5mm
Weight	240g
Temperature range	-20°C to +60°C (non condensing)
Housing	Black ABS with Polycarbonate label insert
LED function	RED internally controlled GREEN externally controlled Noise indication, Data Sent Indication
Output Formats	ELC1 - Standard 26 bit Wiegand ELC2 - Customer specific formats (Wiegand, Clock & Data and Serial Data)
Terminations	10 way screw terminal

Reading ranges vary with the type of tag and the reader model used, please refer to the [Cryptag® Census® Products Matrix](#) for further information.

Order Information

Ordered as **ELC1 (ELC1A - USA systems)** for open 26 bit Wiegand Reader or **ELC2 (ELC2A - USA systems)** and any variant.

Applications

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

- Hands Free Access Control;
- Car Parking 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.

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 Web: www.identec.com

