

# Cryptag® Census®

## ECx Mullion Reader



## Features

- Low Cost;
- Single Piece Reader;
- Simple Installation;
- Indoor/Outdoor Use;
- Secure Data Exchange;
- 1:100 Million Error Rate;
- Wiegand, Clock & Data or Serial Output;
- Reverse Polarity Protection;
- CE, DTI & FCC Approved

## Details

The ECx mullion reader is a complete Cryptag® Census® reader. It has been designed to provide a short range, low cost alternative to Identec's "Hands Free" readers. It is simple and quick to install. Supplied as standard in a black ABS housing the fixing screws are covered with a grey and blue label as shown. Alternative housing and labels can be supplied contact Identec for further information.

The ECx operates with any Cryptag® Census® tag providing a typical reading range with the TC1 tags of 15cm. LED indication is provided to indicate power to the reader and that a tag is being read. A separate Green LED can be controlled externally to indicate acceptance by the management systems.

The whole unit is encapsulated.

### Identec Ltd

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## Specification

Specification	Details
Power requirements	6 to 28 volts DC @ 15mA
Dimensions	116 x 40 x 17mm
Weight	75g
Temperature range	-20°C to +60°C (non condensing)
Housing	Black ABS with Polycarbonate label
LED function	RED internally controlled GREEN externally controlled
Output Formats	EC1 - Standard 26 bit Wiegand EC2 - Customer specific formats (Wiegand, Clock & Data or Serial Data)
Terminations	5 way screw terminal
Fixing	2 x N°8 wood screws

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 EC1 (EC1A - USA systems) for open 26 bit Wiegand Reader or EC2 (EC2A - USA systems) and any variant. Can be supplied with buzzer to indicate tag battery condition.

## Applications

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

- Replace Card Swipe Readers;
- Areas with High Levels of Interference;
- Short Range / Localised Requirements;
- Simple Tag Battery Tester.

*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*

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