Overview

The CL-ENCODER2 is a motorized magnetic stripe encoder-reader that allows credentials to be instantly encoded and issued to users. Its compact footprint, rugged design and low audible noise make it a perfect choice for credential issuance in applications of any kind. A single card-slot design simplifies user interface - ensuring quality encoding every time. A smooth mechanical card-transport ensures fast, reliable, and high-quality encoder operation. A dual-color red/green LED provides clear status indications to the operator. Power-fail card return and manual card-eject features ensure that a customer's card can easily be retrieved under any conditions.

Features and benefits

- Read and write Hi-Co and Lo-Co magnetic stripe cards per ISO 7810 and 7811
- Motorized for increased encoding precision and reliability
- Dual color LED status indicator
- Remote power pack
- Small footprint
Specifications

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<th>Parameter</th>
<th>Specification</th>
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| Interface                  | • RS232 – for use with Schlage software  
• USB                       |
| Dimensions (HxWxD)         | 3.85" x 4.47" x 8.44"  
(9.78 mm x 11.18 mm x 21.10 mm) |
| Weight                     | 2 lbs (0.9 kg)                                                                |
| Magnetic stripe            | Tracks 1, 2, 3  
Hi-Co/Lo-Co read/write per ISO 7810, 7811                                   |
| Card speed                 | 7-11 i.p.s.                                                                   |
| Input Voltage              | +12 VDC ffl 5 %                                                               |
| Current Draw               | Idle: 300 mA  
Maximum: 3.0 A (during Hi-Co encode sequence)  
1 A draw from an auxiliary serial port device |
| Communication Protocol     | MagTek® MCP protocol                                                         |
| Command Set                | MagTek MCP command set                                                        |
| MTBF                       | Electronics: 125,000 hours  
Magnetic read head: 1,000,000 passes  
(500,000 insertion cycles) |
| Temperature                | Operating: 41°F to 113°F (5°C to 45°C)  
Storage: -40°F to 158°F (-40°C to 70°C)                                     |
| Humidity                   | Operating and Storage: 5% to 95% non-condensing                              |
| Certifications             | UL/CRU, CE Class B, FCC Class B                                              |
| Material                   | PBT Polymer                                                                   |

Ordering information

• **CL-ENCODER2** - Magnetic Stripe Encoder, includes power supply

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