

## IntelliStripe<sup>®</sup> 380

### Card Personalization Device for Instant Card Encoding



IntelliStripe 380  
Motorized card encoder (magstripe, EMV)

The IntelliStripe 380 is a motorized magstripe/Smart Card encoder-reader that allows financial and ID cards to be instantly encoded and issued to consumers. Its compact footprint, rugged design, and low audible noise, make it a perfect choice for motorized card issuance at financial institutions, schools, business, and government environments.

#### RELIABILITY

The IntelliStripe 380 is a motorized magstripe/smart card encoder-reader that allows financial and ID cards to be instantly encoded and issued to consumers.

A single card-slot design simplifies user-interface, and removes the human-element from ensuring quality magstripe and Smart Card encoding. A smooth mechanical card-transport ensures fast, reliable, and high-quality encode operations. 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 consumer's card can easily be retrieved under any conditions.

Magnetic tracks 1,2,3 can be encoded and read-verified per the ISO 7810/7811 Low-coercivity and High-coercivity (Loco/Hico) magstripe standards. (Support is also provided for AAMVA Driver's License formats. Proprietary magstripe formats can be supported via a binary encode mode.) Smart Cards can be encoded per the ISO 7816 and EMV L1 standards using either T=0 or T=1 protocols. Support is also provided for many popular memory cards including: SLE 4404, 4418, 4428, 4442, 4443, and I2C families.



Call a representative to learn more: 562-546-6500.

# Specifications

## Durability

Its compact footprint, rugged design, and low audible noise, make it a perfect choice for motorized card issuance at financial institutions, schools, business, and government environments. Preventive maintenance includes cleaning the unit periodically with a lint-free cloth.

## Easy Installation and Connectivity

The IntelliStripe 380 provides dual RS-232 and USB connectivity which allows it to easily connect to a variety of PC configurations. The installation of the IntelliStripe 380 Reader-Encoder consists of mounting the unit on a flat surface, connecting the I/O RS-232 cable to the host serial port, the Auxiliary cable to a peripheral device, and the Power Supply to the I/O cable and to a wall receptacle.

## Security Built-In

The unit provides mechanical and electromechanical features that allow the enclosure to be used within a TRSM environment per ISO 9564. Mechanical features visually indicate intrusion into the enclosure, and electromechanical switches on the Main PCB signal that the mechanical enclosure had been opened. This allows the electronics to erase the keys in its memory area whether the unit is powered or not.

## Scalable

The IntelliStripe 380 has a full-featured command set that allows a consumer's software application to easily control and monitor status of all device operations.

## Features

- Read and write HiCo and LoCo magnetic stripe cards per ISO 7810 and 7811
- Read and write smart cards per ISO 7816
- Increase encoding precision and reliability
- Connect using RS-232 & USB interface
- Flash programmable
- Dual color LED status indicator
- Small footprint
- Single cable with remote power pack.
- Power routed via communications cable.
- Optional Tamper Switch

## Card Specifications

- Magnetics Tracks 1, 2, 3 HiCo/LoCo read/write per ISO 7810, 7811
- Smart Card T=0, T=1 Smart Card per ISO 7816 and EMV Level 1
- 8 contacts
- Memory Cards SLE 4442/SLE 4432 families, SLE 4428/SLE 4418 families, SLE 4404 family, I<sup>2</sup>C™ generic cards
- Card Speed 7-11 i.p.s.

## INPUT CARD HOPPER:

Single input/output hopper

## CAPABILITIES

### ENCODE

#### MAGSTRIPE

ANSI/ISO/AAMVA/CDL tracks 1, 2, and 3;

HiCo/LoCo read/write per ISO 7810, 7811;

CR-80: 3.375"L x 2.125"W (85.6 mm x 53.98 mm); Magnetics Tracks 1, 2, 3

#### EMV SMARTCARD

ISO 7816 and EMV L1 standards using either T=0 or T=1 protocols.

#### MEMORY CARD

SLE 4404, 4418, 4428, 4442, 4443, and I2C families.

## PLATFORM

Windows™ XP, 2003, Vista and 7, 32 & 64 bits

## CARD STOCK

CR-80 and CR-79 cards that meet ISO 7810-, 7811-, or 7816-, card thickness of 0.027" to 0.033"

## INTERFACE

USB 2.0 (internal)

RS232, USB port (cable supplied)

Single cable with remote power pack.

Power routed via communications cable.

## MEMORY

Flash programmable

## ELECTRICAL

Input Voltage: +12 VDC ± 5 %; current 300 mA

Maximum: 3.0 A (during HiCo encode sequence)

1 A draw auxiliary serial port device

MagTek MCP protocol; MagTek MCP command set

## RECOMMENDED CARD PRODUCTION

Recommended duty cycle for 50 cards per day/15,000 cards per year

## SECURITY

PHYSICAL: Optional Tamper Switch

## STATUS INDICATOR

Dual color LED status indicator

## MECHANICAL

Dimensions: Height: 3.85 in (97.79 mm)  
Width: 4.47 in (111.754 mm)  
Length 8.44 in (211.008 mm)

Weight: 2 lbs (0,9072 kg)

## ENVIRONMENTAL

TEMP(OP): 41 °F - 113 °F (5 °C - 45 °C)

TEMP(STOR): -40 °F - 158 °F (-40 °C - 70 °C)

HUMIDITY(OP): 5% - 95% non-condensing HUMIDITY(STOR): 5%

- 95% non-condensing

ALTITUDE(OP&STOR): 0 - 10,000 ft (0 - 3,048 m)

## OPERATING VENTILATION

Free air

## AGENCY APPROVAL

UL, CE Class B, FCC Class B



Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission and security of cards, checks, PINs and identification documents. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Its products include secure card reader/authenticators, token generators, EMV contact, contactless and NFC reading devices, encrypting check scanners, PIN pads and distributed credential personalization systems for secure magstripe and EMV enabled cards. These products are used worldwide by financial institutions, retailers, and processors to provide secure and efficient payment and identification transactions. Today, MagTek continues to innovate. Its MagneSafe™ Security Architecture leverages strong encryption, secure tokenization, dynamic card authentication, and device/host validation enabling users to assess the trustworthiness of credentials and terminals used for online identification, payment processing, and high-value electronic transactions. MagTek is headquartered in Seal Beach, CA. For more information, please visit [www.magtek.com](http://www.magtek.com).