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IS380 Encoder
Card Personalization Device for Encoding and rePIN

IS380 Encoder for Banking

Card Personalization Device for Encoding and rePIN

The IS380 Encoder is a highly reliable motorized device that reads and encodes magnetic stripe and EMV smartcards with precision. The IS380 Encoder is a motorized magstripe and EMV smartcard encoder-reader that allows financial and ID cards to be instantly encoded and issued to customers. Its compact footprint, rugged design, and low audible noise, make it a perfect choice for motorized card issuance at financial institutions.

Simplified design

A single card-slot design simplifies user-interface, and removes the human-element from ensuring quality magstripe and EMV smartcard 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.

Reliable encoding

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.) EMV smartcards 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: 562-546-6400.

Specifications

Easy installation and connection

The IS380 Encoder provides dual RS-232 and USB connectivity which allows it to easily connect to a variety of PC configurations. The installation of the IS380 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.

Engineered security and durability

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. Its compact footprint, rugged design, and low audible noise, make it a perfect choice for motorized card issuance at financial institutions.

Reliable rePIN

All of these features, combined with QwickCards.com's scalability, make the IS380 Encoder the perfect device for instant rePIN encoding.

Scalable and flexible

The IS380 Encoder has a full-featured command set that allows a consumer's software application to easily control and monitor status of all device operations. Or you can couple the IS380 Encoder with MagTek's QwickCards.com cloud-based solution for faster deployment and scalability of services and resources, that can be maintained and controlled centrally, depending on your individual custom needs.



IntelliStripe 380	
Capabilities	
Encode Magstripe	ANSI/ISO/AAMVA/CDL; HiCo/LoCo read/write per ISO 7810, 7811; Tracks 1, 2, 3
Encode 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.
Print	NA
FONTS	NA
Method	NA
Resolution	NA
Emboss/Tipping/Indent	NA
Security	Optional Tamper Switch
General	
Card Hopper	Single input/output hopper
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. MagTek MCP protocol; MagTek MCP command set
Memory	Flash programmable
Recommended production	Recommended duty cycle for 50 cards per day/15,000
Status indicators	Dual color LED status indicator
Electrical	
Input Voltage/Power	Power routed via communications cable. +12 VDC ± 5%; current 300 mA
Mechanical	
Dimensions	L: 8.44" x W: 4.47" x H: 3.85" L: 211.008 mm x W: 111.754 mm x H: 97.79 mm)
Weight	2 lbs (0.9072 kg)
Environmental	
Temperature (operating)	41 °F - 113 °F (5 °C - 45 °C)
Temperature (Storage)	-40 °F - 158 °F (-40 °C - 70 °C)
Humidity (operating)	5% - 95% non-condensing
Humidity (storage)	5% - 95% non-condensing
Operating ventilation	Free air

MAGTEK®
SECURITY FROM THE INSIDE

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.