



ExpressCard 2000
Card Personalization Device with magstripe encoding,
EMV smart card encoding, embossing, printing,
tipping, and indent printing



ExpressCard 2000

Card Personalization Device for Instant Card Issuance

Increase card usage, while enhancing customer and guest satisfaction and security with ExpressCard 2000. This compact, desktop device gives your locations the convenience of instant card issuance for membership, gift, loyalty and ID cards, with the security of MagTek's advanced MagneSafe™ Security Architecture, MagnePrint® card authentication technology, magstripe encoding, smart card personalization and other advanced personalization features.

ExpressCard 2000 can fully personalize any CR-80 sized card in as little as 90 seconds. Offering embossing, indent printing, and foil tipping with full color card printing, all in one compact device. You can inspire loyalty and increase card usage with cards that feature photos of family, friends, pets and holidays. ExpressCard 2000 can provide the custom personalization you need to distinguish yourself from your competitors. Meet current market needs and support new card issuing trends, including smart cards, contactless cards, flat cards and photo cards.

EMV and Magstripe Solutions

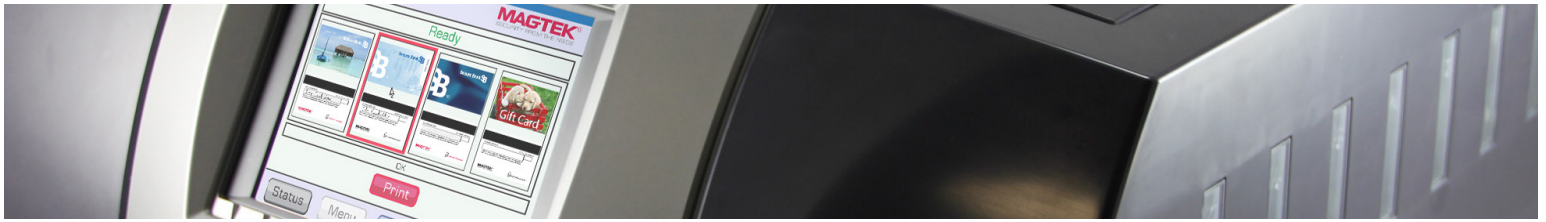
- LASTING LOYALTY CARDS
Increase revenues and prevent fraud
- KEY CARDS THAT OPEN MORE THAN A DOOR
Maintain a personalized experience
- GIFT CARDS
Place personalized gift cards instantly in your customers hands
- CO-BRANDED BANKCARDS
Attract customers and increase loyalty
- CAMPUS IDENTIFICATION/DEBIT CARDS
Secure the identities of those on your campus

Enhanced User Experience

MagTek's hardware and software are built for ease-of-use, minimal training time and deliver an enhanced user experience for your team. Customers and guests will appreciate receiving personalized cards that are high quality, reliable, and created quickly and simply.



Call a representative to learn more: 562-546-6400.



Service You can Count on

Limit downtime using MagTek's premier nationwide installation, training and service coverage. Our technicians receive continuous training and certification.

Easy Integration and Implementation

ExpressCard 2000 is supported by a wide range of third party software solutions, creating a complete, secure instant issuance system for distributed locations that can be maintained & controlled centrally. MagTek also offers a complete API and SDK solution for custom implementations.

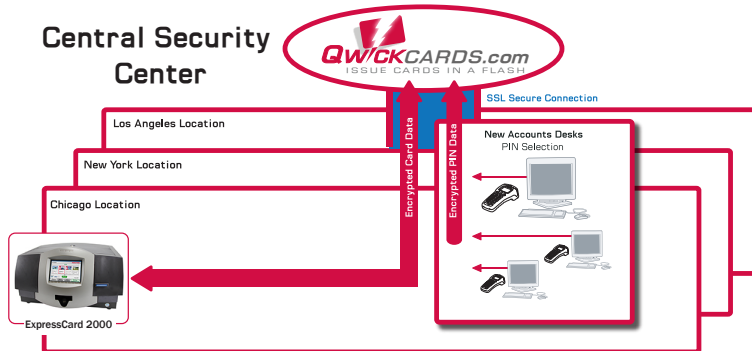
Instant Issuance with Engineered Security

The MagneSafe™ Security Architecture (MSA) is a digital identification and authentication architecture that safeguards consumers and their personal data. Designed to exceed PCI regulations, MSA leverages strong encryption, secure tokenization, counterfeit detection, tamper recognition, data relevance and integrity, and dynamic digital transaction signatures, which together validate and protect the entire transaction and each of its components.

Physical Security	Logical Security
<ul style="list-style-type: none"> Hard Mounting Points Card Access Door Locking cover Locking service cover Internal Reject hopper Steel barrel lock and key 	<ul style="list-style-type: none"> Dual Control Passwords Optional Card Swipe Device Certificate Authentication (1st) MagnePrint® reference capture XML over HTTPS 128 bit encryption Ethernet only communications Inventory management Secure, electronic inventory audit capability

Centralize Control of Card Issuance

Couple the ExpressCard 2000 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.



Capabilities	
Encode Magstripe	ANSI/ISO/AAMVA/CDL; HiCo/LoCo read/write per ISO 7810, 7811; Tracks 1, 2, and 3
Encode EMV Smartcard	ISO 7816-1, -2, and -3; EMV smartcard contact module per ISO 7816, EMV L1
Print	Up to 16.7 million colors/256 shades pp; CR-80 edge-to-edge (3.37" x 2.11"/85.5mm x 53.5mm); CR-79 (3.303" x 2.051"/83.9mm x 52.1mm);
Fonts	TrueType fonts from Windows drivers
Method	Dye-sublimation resin thermal transfer
Resolution	300 dpi - 600 dpi (dbl run)
Emboss/Tipping/Indent	Foil-tipped embossing; Rear and / or front indent; Embossing per ISO/IEC pubs: 7810, 7811-1 -6
Security	LOGICAL: MagneSafe Security Architecture, MagnePrint reference capture module PHYSICAL: 3/8" chassis anchor hole for desktop / counter mounting ring-shaped security anchor
General	
Card Hopper	7 automatic card hoppers (100 cards per) (locked); 1 manual feed hopper; 1 output hopper (card complete or reject)
Platform	Windows™ 7, 32 & 64 bits
Card Stock	CR-80 ANSI/ISO/AAMVA/CDL tracks 1, 2, and 3; HiCo/LoCo read/write per ISO 7810, 7811; PRINT AREA: CR-80 edge-to-edge (3.37" x 2.11"/85.5mm x 53.5mm); CR-79 (3.303" x 2.051"/83.9mm x 52.1mm)
Interface	Ethernet 100 base-T (external); USB 2.0 (internal)
Recommended production	Recommended duty cycle for 50 cards per day/15,000 cards per year
Status indicators	LED status indicator, LCD touchscreen
Electrical	
Input Voltage/Power	100 VAC to 240 VAC at 50 or 60 Hz (Auto-adjusting)
Mechanical	
Dimensions	L: 24.7" x W: 26.8" x H: 15.1" L :627mm x W: 680mm x H: 384mm
Weight	88 lbs. (39.9 kg)
Environmental	
Temperature (operating)	65°F to 80° F (18°C to 27°C)
Temperature (Storage)	30° F to 100° F (-1.1°C to 37.8°C)
Humidity (operating)	20% to 80% w/o condensation
Humidity (storage)	90% or below
Operating ventilation	Free air



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, encrypting check scanners, PIN pads and distributed credential personalization systems. 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™ hardware 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.

