

**MAGTEK**<sup>®</sup>  
SECURITY FROM THE INSIDE

banking  
instant issue

## ExpressCard 2000

### Instantly Issued Permanent Cards

#### EMV and Magstripe Solutions

Increase card activation and usage while enhancing cardholder satisfaction and security with ExpressCard 2000. Its 7 card hoppers make it easy to securely, personalize a variety of cards including credit, debit, ATM, gift, loyalty, or membership cards in as little as 90 seconds. The ExpressCard 2000 is scalable to meet your needs by delivering options, including an emboss-only device, a flat print-only device, or full personalization that includes embossing, indent printing, foil tipping, full-color image printing, and encoding of magstripes, or EMV contact/contactless smart cards, all in one compact card personalization device.

#### Instantly Issue Permanent Cards for Lasting ROI

Offer permanent new cards or emergency replacement cards instantly at the branch, eliminating card mailers. Instant card issuance and card personalization provides a higher level of service that existing customers will appreciate, and will attract potential customers. Create a lasting return on investment with increased card sales revenue, card activation, and inspired customer loyalty.

#### Premier Production that Earns Top-of-Wallet

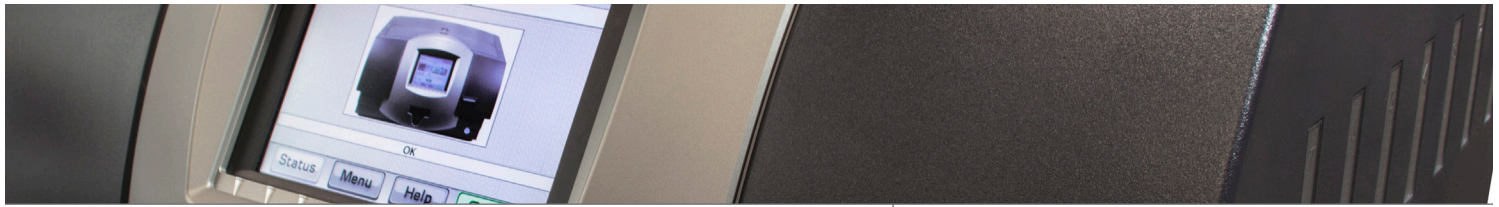
The ExpressCard 2000 gives your customers the freedom to express themselves, with dual-sided printing, multi-colored tipping and indent printing. The ExpressCard 2000 is a cost-effective solution that produces cards that are attractive, durable and wear-resistant with unique images.

#### Improve Cross-Selling Opportunities

ExpressCard 2000 is supported by QwickCards.com, MagTek's easy-to-deploy, cloud-based card issuance service, which allows institutions to focus on cross-selling opportunities, rather than managing complicated systems and software. QwickCards.com is PCI compliant so customers can be assured that sensitive card data is protected. Alternatively, financial institutions can develop custom solutions using the ExpressCard 2000's easy-to-use API.



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



## Strong Security for Authentic Transactions

ExpressCard 2000 exceeds the physical and logical security required to comply with the guidelines for instant issuance published by Visa and MasterCard. The MagneSafe Security Architecture provides a layered approach with dynamic data, encryption, tokenization and authentication, backed by MagnePrint® card authentication technology. ExpressCard 2000 offers unprecedented card security by transforming cards into unique verifiable tokens allowing for immediate detection of altered or counterfeit cards at point-of-sale, web banking or in the branch.

Physical Security	Logical Security
Hard Mounting Points	Dual Control Passwords
Card Access Door	Optional Card Swipe
Locking cover	Device Certificate Authentication (1st)
Locking service cover	MagnePrint reference capture
Internal Reject hopper	XML over HTTPS
Steel barrel lock and key	128 bit encryption
	Ethernet only communications
	Inventory management
	Secure, electronic inventory audit capability

## Service You Can Count On

Limit downtime using MagTek's premier nationwide installation, training and service coverage. Our technicians receive continuous training and certification of competencies. We partner with recognized service providers for national on-site repair, maintenance, warranty support, preventative maintenance, managed deployments, professional equipment installation, moves, additions, changes and technical training. The On-Site Service Agreement provides you with the support you need to keep your operations up and running and your costs to a minimum.

## Embossed Card Advantage

Financial Institutions need to maintain customers and increase sales opportunities. A key way to attract new customers and maintain current customers is to provide value-added services including embossed, instantly issued bank cards, credit cards, ATM cards and debit cards. In order to make this financially beneficial for banking institutions costs need to be reduced and revenue streams need to be increased. The instant issuance hardware and services offered by MagTek deliver both reduction in cost and increase in revenue. Embossed cards are accepted globally, provide cards that better coordinate with central production for a consistent brand image, and lower the costs of consumables.

- **Accepted Globally:** Embossed cards are accepted globally in electronic and non-electronic environments. According to association rules e.g. Visa and MasterCard, flat cards are for electronic use only.
- **Branch Production Consistency:** Provides brand consistency regardless of delivery channel and is consistent with current customer expectations.
- **Lower Cost Consumables:** Studies have found that the total cost of ownership is lower when performing embossing only.

## Specifications

Capabilities	
<b>Encode Magstripe</b>	ANSI/ISO/AAMVA/CDL; HiCo/LoCo read/write per ISO 7810, 7811; Tracks 1, 2, and 3
<b>Encode EMV Smartcard</b>	ISO 7816-1, -2, and -3; EMV SmartCard contact module per ISO 7816, EMV L1
<b>Print</b>	Up to 16.7 million colors/256 shades pp; CR-80 edge-to-edge (3.37"x 2.11"/85.5mmx 53.5mm); CR-79 (3.303"x2.051"/83.9mmx52.1mm);
<b>Fonts</b>	TrueType fonts from on-board Windows drivers
<b>Method</b>	Dye-sublimation resin thermal transfer
<b>Resolution</b>	300 dpi - 600 dpi (dbl run)
<b>Emboss/Tipping/Indent</b>	Foil-tipped embossing; Rear and / or front indent; Embossing per ISO/IEC pubs: 7810, 7811-1-6
<b>Security</b>	LOGICAL: MagneSafe Security Architecture, MagnePrint reference capture module PHYSICAL: 3/8" chassis anchor hole for desktop / counter mounting ring-shaped security anchor
General	
<b>Card Hopper</b>	7 automatic card hoppers (100 cards per) (locked); 1 manual feed hopper; 1 output hopper (card complete or reject)
<b>Platform</b>	Windows™ 7, 32 & 64 bits
<b>Card Stock</b>	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"/85.5mmx 53.5mm); CR-79 (3.303"x2.051"/83.9mmx52.1mm)
<b>Interface</b>	Ethernet 100 base-T (external); USB 2.0 (internal)
<b>Recommended production</b>	Recommended duty cycle for 50 cards per day/15,000 cards per year
<b>Status indicators</b>	LED status indicator, LCD touchscreen
Electrical	
<b>Input Voltage/Power</b>	100 VAC to 240 VAC at 50 or 60 Hz (Auto-adjusting)
Mechanical	
<b>Dimensions</b>	L: 24.7" x W: 26.8" x H: 15.1" L : 627mm x W: 680mm x H: 384mm
<b>Weight</b>	88 lbs. (39.9 kg)
Environmental	
<b>Temperature (operating)</b>	65°F to 80° F (18°C to 27°C)
<b>Temperature (Storage)</b>	30° F to 100° F (-1.1°C to 37.8°C)
<b>Humidity (operating)</b>	20% to 80% w/o condensation
<b>Humidity (storage)</b>	90% or below
<b>Operating ventilation</b>	Free air

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