MAGTEK®
SECURITY FROM THE INSIDE

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

ExpressCard 2000 for Banking
Card Personalization Device for 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 (CPD). ExpressCard 2000 provides the personalization you need to distinguish yourself from your competitors.

INSTANTLY ISSUE PERMANENT CARD 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.
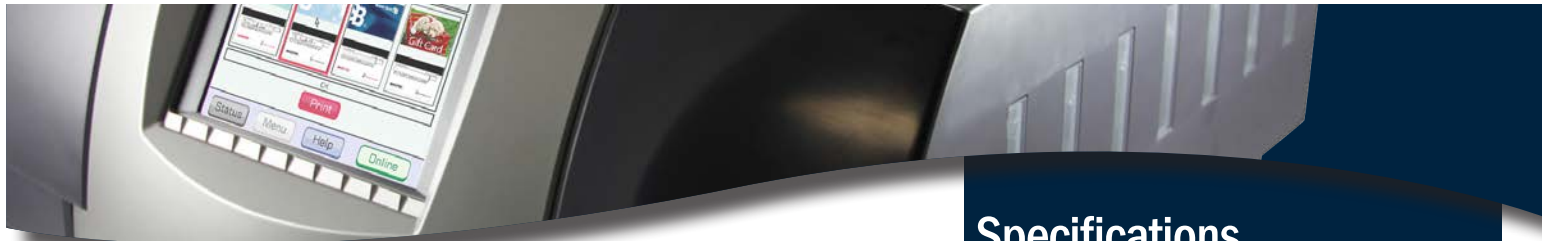
PREMIER PRODUCTION THAT EARNS TOP-OF-WALLET

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 cards that feature photos of family, friends, pets and more.

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. 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 poin-of-sale, web banking or in the branch.
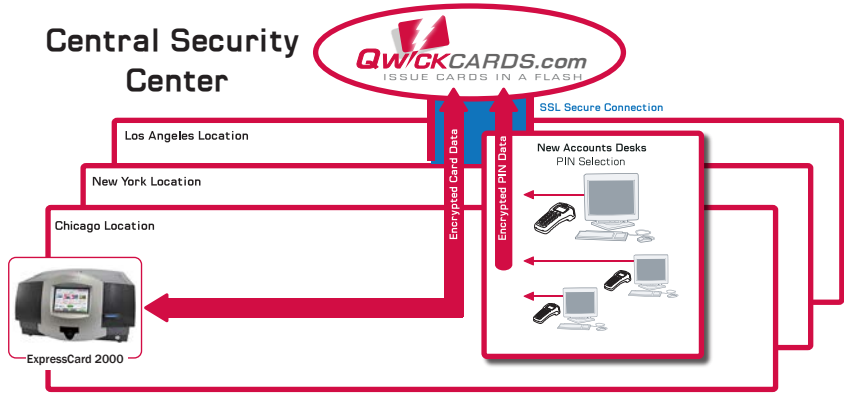
Physical Security	Logical Security
Hard Mounting Points	Dual Control Passwords
Card Access Door	Optional Card Swipe
Locking cover	Device Certificate Authentication (1st)
Locking service cover	MagnePrint® reference capture
Internal Reject hopper	XML over HTTPS
Steel barrel lock and key	128 bit encryption
	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.

CENTRALIZE CONTROL OF CARD ISSUANCE

Couple the ExpressCard 2000 with MagTek's QwickCards.com, a cloud-based solution for faster deployment and scalability of services and resources. QwickCards.com is PCI compliant so customers can be assured that sensitive card data is protected.

Specifications

CARD HOPPERS:
7 automatic card hoppers (100 cards per) (locked)
1 manual feed hopper
1 output hopper (card complete or reject)

CAPABILITIES
ENCODE:
  MAGSTRIPE: ANSI/ISO/AAMVA/CDL tracks 1, 2, and 3; HiCo/LoCo read/write per ISO 7810, 7811;
  EMV SMARTCARD: ISO 7816-1, -2, and -3; EMV smartcard contact module per ISO 7816, EMV L1
EMBOSS/INDENT:
  Foil-tipped embossing; Rear and / or front indent; Image printed embossing *per* ISO/IEC pubs: 7810, 7811-1 -6;
PRINT:
  COLORS: Up to 16.7 million colors/256 shades pp
  FONTS: TrueType fonts from on-board Windows drivers
  AREA: CR-80 edge-to-edge (3.37"x 2.11"/85.5mmx 53.5mm); CR-79 (3.303"x2.051"/83.9mmx52.1mm)
  METHOD: dye-sublimation resin thermal transfer
  RESOLUTION: 300 dpi - 600 dpi (dbl run)

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"/85.5mmx 53.5mm); CR-79 (3.303"x2.051"/83.9mmx52.1mm)

INTERFACE   Ethernet 100 base-T (external)
                            USB 2.0 (internal)

ELECTRICAL
Power Input: 100 VAC to 240 VAC at 50 or 60 Hz
                            (Auto-adjusting)

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

SECURITY
LOGICAL: MagnePrint reference capture module
PHYSICAL: ⅜" chassis anchor hole for desktop / counter mounting ring-shaped security anchor

STATUS INDICATOR
LED status indicator and Windows OS

MECHANICAL
Dimensions: 24.7 in. x 26.8 in. x 15.1 in. (627 mm x 680 mm x 384 mm)
Weight: Device: 88 lbs. (39.9 kg)
                            Accessories: 3.8 lbs (1.7 kg)
Acoustics   Sound level, idle: 64 dBSPL
                            Sound level, embossing: 70 dBSPL

ENVIRONMENTAL
TEMP(OP): 65°F to 80°F (18°C to 27°C)
TEMP(STOR):30°F to 100°F (-1.1°C to 37.8°C)
HUMIDITY(OP): 20% to 80% w/o condensation
HUMIDITY(STOR): 90% or below

OPERATING VENTILATION
Free air

AGENCY APPROVAL
UL, CE Class B, FCC Class B