ExpressCard 500
Card Personalization Device with encoding and flat card printing

ExpressCard 500 for Banking
Card Personalization Device for Instant Flat Card Issuance

Customers no longer need to wait to get their cards in the mail. Financial institutions can cost-effectively offer permanent, new cards or replacement cards instantly, complete with dual-sided printing that is attractive, durable and wear-resistant. The ExpressCard 500 delivers sophistication with world-class technology that supports color printing, magstripe encoding, and optional contact/contactless EMV smart card personalization all in one of the fastest flat card printers on the market.

Increase card activation and usage while improving customer satisfaction and security with instant issuance. Instant issuance enhances customer interactions and increases cross-selling opportunities. In-branch card issuance eliminates the expense of replacement card mailers and reduces the risk of card fraud. Differentiate your institution in the market and offer service that exceeds customer expectations.

STUNNING VISUALS THAT INSPIRE LOYALTY

The ExpressCard 500 personalizes cards for premium-quality, edge-to-edge production for a variety of card applications. Financial institutions will appreciate the printers' flexibility, print quality and ease-of-use coupled with security and the high-quality, and affordable consumables for producing a variety of payment cards including ATM, Gift, Debit and Credit cards. Improve your brand with stunning visuals, brilliant colors, and high image resolution produced by the ExpressCard 500. The ExpressCard 500 automatic feeder and output hopper both have a 100 card capacity, while the manual feeder makes is easy to create card-by-card printing.

RELIABLE AND DURABLE

The ExpressCard 500 is rugged and built following strict engineering and quality assurance guidelines. The ExpressCard 500 reproduces vivid images and print results with state-of-the-art encoding and advanced card personalization features.

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

ENGINEERED SIMPLICITY IMPROVES CROSS SELLING

The simple design of the card personalization device makes it easy for service representatives to operate the device, and provides more time for cross-selling opportunities. Loading and unloading of cards is simple and the easy to understand service lights simplify overall device activity. ExpressCard 500 provides a modular and scalable solution to fit users' specific needs in an easy-to-use format, reducing training and creating a plug-n-play printing environment. The internal USB hub provides easy connection and makes linking to Windows-based systems a breeze.

SECURITY BUILT IN

The ExpressCard 500 features a locking card hopper designed to secure the card stock and meet Visa and MasterCard's compliance requirements for instantly issuing branded cards. The Kensington Lock physically secures the device and keeps the ExpressCard 500 locked down where you want it and meets VISA's Hardware Standards on securing the device (Section 3 of VISA's Global Instant Card Personalization Issuance Security Standards) so the card issuer can confidently focus on their business.
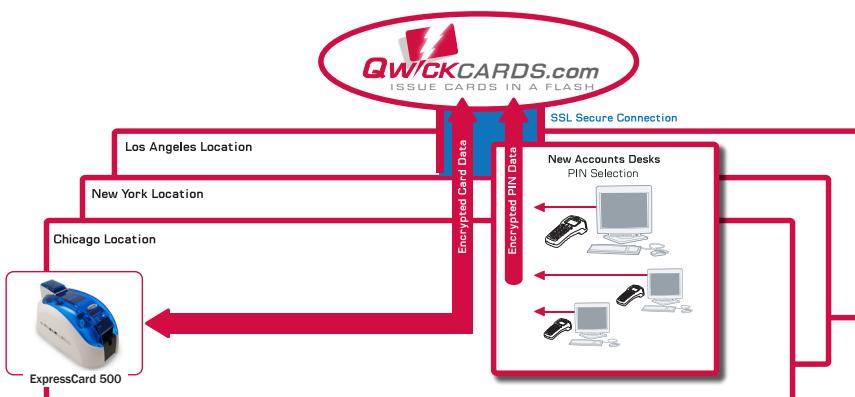
SCALABLE PRODUCTION CAPABILITY

The ExpressCard 500 supports the most stringent standards for printing and encoding of magnetic stripes. The internal USB hub provides easy connection and makes linking to Windows-based systems a breeze. With the feature-rich solution offered by the ExpressCard 500, financial institutions will be able to meet current market needs and also support new card issuing trends, including EMV smartcards, contactless cards, flat cards and photo cards.

CENTRALIZE CONTROL OF CARD ISSUANCE

Couple the ExpressCard 500 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.

Central Security Center

LOCKED CARD HOPPERS:
1 output, 1 input hopper

CAPABILITIES
ENCODE:
MAGSTRIPE: ISO 7811 HiCo/LoCo or JIS2 magnetic strip encoder tracks 1, 2, and 3
EMV SMARTCARD (EMV MODEL): Smartcard contact station: ISO 7816-2; PC/SC, EMV 2000-1; Contactless: ISO 14443A, B, ISO 15693, Mifare, DesFire, HID iCLASS
PRINT:
COLORS: enhanced color management system
FONTS: Arial 100, Arial bold 100
AREA: Dual-sided, edge-to-edge printing
BARCODE: Code 39, 2/5 interlaced
METHOD: dye-sublimation and monochrome thermal transfer; Integrated ribbon saver for monochrome
RESOLUTION: 300 dpi; (11.8 dots/mm)
PRINT SPEED: 125 card per hour thoughput (varies)
RIBBONS:
2-panel KO black monochrome: 500 cards/roll
5-panel YMCKO color: 200 cards/roll
6-panel YMCKO-K color: 200 cards/roll
Half-panel YMCKO color: 400 cards/roll
Monochrome: up to 1,000 cards/roll

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

CARD STOCK
CR-80: 3.370"L x 2.125"W (85.6 mmx54 mm); PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; CR-79 adhesive back (3.303x2.051"/ 83.9x 52.1mm)

INTERFACE	USB port (cable supplied)
MEMORY	16 MB RAM

ELECTRICAL
100 to 240 V AC at 50 to 60 Hz, 1.8 Amps, Printer: 24 V DC, 3 Amps

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

SECURITY
PHYSICAL: Kensington Lock Anchor, lockable hopper

STATUS INDICATOR
LED status indicator

MECHANICAL
Dimensions:	H 9.25"; L 17.59"; W 9.33"
	H 235 mm; L 447 mm; W237 mm
Weight:	16.31 lbs (7.4 Kg)

ENVIRONMENTAL
TEMP(OP): 59°F - 86°F
TEMP(STOR): 23°F - 158°F
HUMIDITY(OP): 20% - 65%, non-condensing
HUMIDITY(STOR): 20% - 70%, non-condensing

OPERATING VENTILATION
Free air

AGENCY APPROVAL
UL, CE Class B, FCC Class B