DATACARD® CD820™ INSTANT ISSUANCE SYSTEM

MAKE AN INSTANT IMPACT, DRIVE REVENUE

Increase customer loyalty, improve card activation rates and create cross-selling opportunities with the CD820 instant issuance system. Developed specifically for financial instant issuance, this system is an affordable solution for financial and retail organizations.

Use this powerful system to reduce issuance costs and deliver cards the way customers want — customized, personalized, secure and on demand.

Affordable, Powerful Instant Issuance

The Datacard® CD820™ Instant Issuance System empowers banks and retailers to issue secure, flat financial cards — affordably and instantly. With this reliable and compact desktop solution, organizations can capture more business by putting personalized, activated debit and credit cards in customers' hands at bank branch or store locations. Full-color or monochrome direct-to-card printing is offered along with magnetic stripe encoding, and contact or contactless smart card encoding. It also meets VISA and MasterCard instant issuance security guidelines.

Instant purchasing power. When integrated with Datacard® CardWizard® instant issuance software, issuers can print ready-to-use debit and credit cards with activated PIN numbers in minutes — giving consumers instant purchasing power. CardWizard software is installed in more than 7,500 financial and retail locations worldwide.

Strong program security. User-selectable encoding and built-in card auditing features reduce the risk of fraud. AES-256 encryption protects magnetic stripe data from unauthorized interception during network transmission. A hardware lock suite secures the printer and supplies.

Versatile printing. Flat pre-printed cards can be personalized with monochrome printing to enhance cardholder satisfaction and drive card use. Or choose full-color printing that creates edge-to-edge coverage and adds high quality graphics such as images and headshots.

Flexible configurations. Create the ideal system with optional features such as smart card encoding and a six-compartment multi-hopper input.

Datacard®

DATACARD® CD820™ INSTANT ISSUANCE SYSTEM

- Direct-to-card printing
- Magnetic stripe and single wire contact/contactless smart card encoding
- Convenient front-facing input and output hopper
- Optional six-compartment multi-hopper

Your complete financial instant issuance solution

Manage your card programs the way you want — with exceptional security, reliability and flexibility. The Datacard® CE870™ instant issuance system works seamlessly with Datacard® software, certified supplies and global services to give you a complete financial instant issuance solution.

Software

Datacard® CardWizard® software is the world's best-selling solution for instant issuance of credit, debit and ATM cards. Instantly issue a wide variety of financial cards on-demand and drive new revenue for your financial card program.

Supplies

Datacard® Certified Supplies help you produce highly secure cards instantly. Count on superb image quality and optimize the performance of your Datacard® issuance system.

Services

Datacard Global Services and our worldwide network of authorized service providers are available to answer any questions or promptly address service issues. Backed by more than 40 years of experience, our skilled professionals provide a full range of technical support for your card program.

CD820 Instant Issuance System Features and Specifications

Full-color Printing
- Up to 195 cards per hour, single-sided (YMCKT*)
- Up to 133 cards per hour, two-sided (YMCKT-KT*)

Monochrome printing
- Up to 371 cards per hour, two-sided (black HQ*)

Encoding
- Magnetic stripe encoding | ISO 7811, three track high-and low-coercivity

Print technology
- Direct-to-card dye sublimation/resin thermal transfer printing

Card capacity
- Automatic card feed with 100-card input hopper based on 0.030 in. card thickness
- 25-card output standard | Separate reject location and holding tray, 10-card capacity | Front exception card slot

Security features
- Software activated lock to secure card stock, supplies and reject card hopper
- SSL/TLS encryption, supports AES-256 | Bolt-down ready
- Kensington® lock compatible (lock sold separately) | Concealed output hopper
- Password protected cabinet | Non-resettable card counter for auditing

Display
- 2-line LCD display
- User interface languages available: English, Spanish, German, Italian and Japanese

Physical dimensions
- Single hopper system: 8.8 in. W x 21.2 in. D x 8.8 in H (22.4 cm x 53.8 cm x 22.4 cm)
- Six-compartment multi-hopper system: 16.5 in. W x 27.5 in. D x 14.5 in. H (41.9 cm x 69.9 cm x 36.8 cm)

Weight
- Single input hopper, encoding, printing: 12 lbs.
- Six-compartment multi-hopper, encoding, printing: 33 lbs.

Connectivity
- Ethernet and USB

Operating System Support
- Windows® 8 (32 and 64 bit), Windows® 7 (32 and 64 bit), Windows XP® SP3 (32 bit)
- Windows Server® 2012 (64 bit), Windows Server® 2008 R2 (64 bit), Windows Server® 2003 R2 (32 bit)

Warranty
- 24-month warranty

CD820 Instant Issuance System Options

Multi-hopper
- Six-compartment multi-hopper | Six 100-card hoppers, 600-card total capacity

Smart card personalization
- Contact and contactless smart card encoding for ISO 14443 A/B, ISO 7816 and Mifare®
- Single-wire connectivity | Supports production of EMV® level-1 compliant cards

Print technology
- One-sided (simplex) and two-sided (duplex), edge-to-edge printing
- Full-color and monochrome printing capability
- Standard mode: 300 x 300 dots per inch, standard text, bar code and graphics printing
- High-quality mode: 300 x 600 dots per inch; enhanced text and graphics printing
- 300 x 1,200 dots per inch; enhanced text printing (Currently not supported by CardWizard issuance software)
- Datacard® TrueMatch™ printing technology
- Ability to conform to sRGB standard

Entrust Datacard™

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