

# DATACARD® CE870™ INSTANT ISSUANCE SYSTEM



## ENHANCE SECURITY AND CARDHOLDER SATISFACTION

Datacard® instant issuance solutions — including the new CE870™ system — empower you to issue cards anywhere, anytime you choose. This allows you to create card programs that align perfectly with emerging consumer demands for customization, personalization, flexibility and on-demand service.

## Issue high-quality embossed financial cards instantly

The Datacard® CE870™ instant issuance system makes it easy for financial institutions to enjoy the full benefits of instant issuance. Putting ready-to-use credit and debit cards into your customers' hands measurably improves activation rates and card usage. It enhances cardholder satisfaction and elevates service levels. Plus, it helps reduce traditional card issuance costs, including card pre-printing, card inventory, mail packages and postage.

## Choose from best-in-class personalization technologies

**Create your ideal printer.** We can configure the system to meet your precise requirements.

In addition to standard embossing, indent printing and magnetic stripe encoding, you can add optional EMV®-compliant smart card personalization, a productive six-compartment input hopper and full-color, direct-to-card printing.

**Exceptional embossing.** Built on proven technology, the CE870 system offers embossing and indent printing of up to 150 characters. High-quality embossing enhances the appearance and security of your financial cards.

**Strong program security.** A variety of physical and logical security features support Visa and MasterCard security standards. You also get audit trails and robust protection for card stock and supply items.

**Part of a complete solution.** The CE870 system offers seamless compatibility with industry-leading Datacard® CardWizard® issuance software. Look to Datacard Group for fully integrated financial instant issuance offerings, including hardware, software, global services and supplies.

**Datacard®**

# DATACARD® CE870™ INSTANT ISSUANCE SYSTEM

- Optional six-compartment multi-hopper
- Optional direct-to-card printing\*
- Magnetic stripe and single-wire smart card encoding
- Up to 150 embossing/indenting characters
- Indent printing on front and back of card
- Convenient front-facing input and output hopper
- Field upgradable smart card encoding

\*Direct-to-card printing is a factory fitted option only and not upgradable in the field



## CE870 Instant Issuance System Features and Specifications

### Embossing/Indent

75-character embossing/indenting wheel, financial format per ID-1 ISO 7811-3

Front, rear or both sides of the card  
MasterCard security characters | Helvetica® characters |  
OCR-A1, OCR-B1

### Speed

60 seconds to encode mag stripe, indent, emboss and top the card

64 seconds to print monochrome graphics, encode mag stripe, indent, emboss and top the card

78 seconds to print color graphics, encode mag stripe, indent, emboss and top the card

### Encoding

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

### Card capacity

Automatic card feed with 100-card input hopper based on 0.030 in. card thickness

Output hopper, 10-card capacity | Reject bin, up to 10-card capacity | Exception card slot

### Security features

Software activated lock to secure card stock, supplies and reject card hopper SSL/TLS encryption, supports 3DES and AES-256 | Bolt-down ready

Kensington® lock compatible (lock sold separately) |

Concealed output hopper

Non-resettable card counter for auditing

### Display

2-line LCD display

User interface languages available: English, Spanish, German, Italian, Japanese

### Physical dimensions

Top module (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)

Top module (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)

### Weight

Top module (single input hopper, encoding, printing):

12 lbs. (5.4 kg)

Top module (six-compartment multi-hopper, encoding, printing): 33 lbs. (15 kg)

Bottom module (indenting, embossing, topping, card

output): 40 lbs. (18.1 kg)

### Connectivity

Ethernet and USB

### Warranty

12-month system warranty

## CE870 Instant Issuance System Options

### Embossing

Second 75-character wheel for embossing

### 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

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

Datacard® TrueMatch™ printing technology

Ability to conform to sRGB standard

## 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.



### Corporate Headquarters

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