

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® 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) Bottom module (embosser): 15 in. W x 27.5 in. D x 10.5 in. H (38.1 cm x 69.9 cm x 36.8 cm)
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.

Card Data Systems

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