DATACARD® CE840™ INSTANT ISSUANCE SYSTEM

MAKE AN IMPRESSION, BUILD YOUR BRAND

- Emboss pre-printed cards with exceptional speed and quality — or create full-color cards with optional printing
- Issue brilliant, highly secure cards on demand
- Minimize operating expenses, reduce per-card costs
- Ideal for retail, loyalty, membership and other customer engagement programs

A Powerful System for On-Demand Card Issuance

Banks, retailers, governments and other card issuers can now issue highly secure and personalized embossed cards on demand or in low-volume batches with the Datacard® CE840™ instant issuance system. Backed by our world-class reputation and unmatched system performance, this desktop system empowers you to enhance engagement efforts or implement new programs. Standard features include embossing, indent printing and magnetic stripe encoding. Optional direct-to-card color printing and smart card personalization are also available.

- **High quality embossing and indent printing.** Issuing personalized cards instantly with high-quality embossed characters and indent printing adds security and aesthetic quality to your cards and programs. Embossed characters are virtually impossible to alter, forge or remove. They also add a solid, classic feel to your cards.

- **Choice of encoding and printing.** This system offers standard magnetic stripe encoding and optional EMV compliant smart card personalization, making it ideal for lower-volume card programs. Optional direct-to-card printing creates edge-to-edge, full-color images that engage customers, enhance your brand and add value to your programs.

- **Flexible software options.** The system integrates with existing customized financial software (supported by Windows® OS, DPCL2 and CPX). Custom desktop issuance software is available that offers an intuitive user interface as well as complete control and process support from design to card tracking to auditing.

- **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.

Datacard®

- Up to 150 embossed/indent printing characters
- Magnetic stripe encoding
- Optional smart card personalization
- Optional direct-to-card color printing
- Convenient front-facing single input/output hopper
- Indent printing on front or back of card

Build a complete card issuance solution with Entrust Datacard

The Datacard® CE840™ Instant Issuance System has the ability to work with other software applications through integration with Datacard® interface tools. Combined with Datacard® Certified Supplies and global services, you have a complete issuance solution that delivers exceptional results.

Supplies

Datacard® Certified Supplies help you produce financial cards and secure IDs with superb image quality. The performance of patented Intelligent Supplies Technology™ optimizes Datacard® issuance systems.

Services

Got a question or need technical assistance? Datacard Global Services, and our worldwide network of authorized service providers, are the people to call. They're skilled professionals backed by over 45 years of Entrust Datacard experience.

CE840 Instant Issuance System Features and Specifications

Embossing/Indenting	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	Up to 60 seconds to encode magnetic stripe, indent and emboss the card Up to 64 seconds to print monochrome graphics, encode magnetic stripe, indent and emboss the card Up to 78 seconds to print color graphics, encode magnetic stripe, indent and emboss 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, up to 10-card capacity; reject bin, up to 10-card capacity; exception card slot
Security features	Mechanical or software-activated lock to secure card stock, supplies, and reject card hopper SSL/TLS encryption, supports 3DES and AES-128; bolt-down ready Kensington® lock compatible (lock sold separately); concealed output hopper Password-protected cabinet; non-resettable card counter for auditing
Display	Two-line LCD display User interface languages available: English, Spanish, German, Italian, Japanese, Traditional Chinese, Korean, Portuguese and Arabic
Physical dimensions	Top module: 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) Bottom module (embosser): 15 in. W x 27.5 in. D x 10.5 in. H (38.1 cm x 69.9 cm x 26.7 cm)
Weight	Top module (encoding, printing): 12 lbs. (5.4 kg) Bottom module (indenting, embossing, topping, card output): 40 lbs. (18.1 kg)
Connectivity	Ethernet and USB
Warranty	12-month system warranty

CE840 Instant Issuance System Options

Embossing/Indenting	Second 75-character wheel for embossing
Smart card personalization	Contact and contactless smart card encoding for ISO 14443 A/B, ISO 7816 and Mifare® chips 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 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 1200 dots per inch; enhanced text printing 256 shades per color panel Datacard® TrueMatch™ printing technology Ability to conform to RGB standard

◉ Entrust Datacard™

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