

ENTRUST DATACARD™ CE875™ INSTANT ISSUANCE SYSTEM



REAL-TIME SERVICE AND PERSONALIZED, TRUSTED SECURITY

Entrust Datacard instant issuance solutions – including the new CE875 system – deliver permanent, high-quality cards the moment they're needed.

Our system allows you to provide personalized products and services that are customized to meet the demands of your customers.

We offer a comprehensive, flexible solution, with printing, encoding and embossing now possible within one system.

Modernize your cardholder experience so that purchasing power is instant.

STAY AHEAD OF CUSTOMER EXPECTATIONS WITH RETRANSFER TECHNOLOGY

We know your cardholders have high expectations. Whether they're opening a new account or replacing a lost or stolen card, they don't want to wait to use your product. Our retransfer technology enables customized card designs that can be created in minutes and make an immediate, meaningful impact on your customers.

Vibrant, permanent, embossed cards that are a worthy reflection of your brand

- Produce permanent, durable cards using pigment inks, which naturally create longer-lasting images
- Over-the-edge retransfer color printing, combined with extreme precision printing capability, provides high quality card imagery
- Optional second layer of retransfer film available to further enhance durability

A superior solution that makes sense financially

- Simplify card and inventory management, reduce storage needs and lower preprinting costs by using blank card stock to generate both standard and customized cards
- Matched supplies help ensure color ribbon and retransfer material are consumed at the same rate for efficient printer management

A wide range of capabilities to meet your card issuance needs

- Encode magnetic stripes and contact and/or contactless EMV cards to ISO standards
- Embossing and indent printing of up to 150 characters

Security you can rely on

- Dual-control access to protect card stock, supplies and rejected cards, meeting Visa and MasterCard security requirements
- SSL/TLS1.2 encryption protects sensitive data
- Secure Boot prevents system startup if malware is detected
- Securely insert, manage and remove user-specific certificates and keys using the included TPM module

Instant issuance solutions that enable real-time personalized service

Each aspect of our solution is built with purpose for the seamless compatibility of hardware, software, global services and supplies. With Entrust Datacard, you have one instant issuance partner to help you every step of the way to ensure your solution is optimized.

ENTRUST DATACARD™ CE875™ INSTANT ISSUANCE SYSTEM

CE875 INSTANT ISSUANCE SYSTEM FEATURES AND SPECIFICATIONS

Print technology

- Retransfer pigment ink

Print resolution

- 600 dots per inch (dpi)

Print speed

- Full color printing
 - CMYKP-KPi – up to 60 cards per hour (cph)

Print capabilities

- Single or dual-sided, over-the-edge printing

Color modes

- True Color (ICC) – prints colors of the image as defined in the card design
- Legacy SR/CR – close match to the CR500™ Instant Issuance System
- Vivid – printer colors with higher saturation and contrast

Card capacity

- Card thickness: 0.030 inches (0.76 mm) – ISO ID1/CR-80
- Automatic card feed with 125-card input hopper based on 0.030 in. card thickness
- Output hopper: up to 10-card capacity | Reject bin, up to 10-card capacity
- (Optional) Multi-Hopper: Six-compartment multi-hopper; six 125-card hoppers; up to 750-card total capacity

Card types accepted

- ISO ID1/CR-80
- 3.370 in. x 2.125 in. (85.60 mm x 53.98 mm)
- PVC, PVC composite, PET, PET-G, Polycarbonate

Embossing/Indent

- 75-character embossing/indenting wheel, financial format per ID-1 ISO 7811-3
- Indent front, rear or both sides of card
- MasterCard security characters | Helvetica characters | OCR-A1, OCR-B1

Speed

- 90 seconds to encode mag stripe, indent, emboss and top the card
- 94 seconds to print, encode mag stripe, indent, emboss and top the card
- 108 seconds to print color graphics, encode mag stripe, indent, emboss and top the card

Magnetic stripe encoding

- IAT/ISO magnetic stripe encoding
- Optional JIS magnetic stripe encoding
- HiCo/LoCo 1,2, and 3 track encoding

EMV Smart Card Encoding

- Ethernet and USB
- Single-wire connectivity
- Contact/Contactless read/write EMV encoding
 - ISO 7816 T=0 & T=1
 - ISO 14443 A/B

Wi-Fi (Optional Feature)

- Supports the following Wi-Fi types: G (7 MB/s), N (100 MB/s)
- Supports the following Authentication Modes: None, WPA, WEP
- Supports having WiFi using one network (SSID) and Ethernet wired connection.
- Supports having WiFi using one network (SSID) and USB connection.
- Supports dual-band 2.4GHz & 5GHz.

Security features

- SSL and TLS 1.2 encryption supports Triple DES and AES-128
- Electronic (through Datacard® CardWizard®) and mechanical locks (meets VISA and MasterCard requirements)
- Bolt-down provision for securing printer to work area
- TPM Module standard; utilize with RMM for secure location to insert, manager and remove user-specific certificates and keys
- Secureboot prevents system startup if malware is detected
- Kensington style lock compatible (lock sold separately)
- Concealed output hopper

Display

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

Weight

- Top module (input hopper, printing, encoding):
 - 28 lbs. (12.7 kg) – options may vary
- Bottom module (indenting, embossing, topping, card output) :40 lbs. (18.1 kg)

Physical dimensions

- Top module
 - L 21.4 in. x W 10.1 in. x H 15.6 in.
 - (54.34 cm x 25.53 cm x 39.68 cm)
- Bottom module (embosser)
 - L 27.5 in. x W 15 in. x H 10.5 in.
 - (69.9 cm x 38.1 cm x 26.7 cm)

Connectivity

- Ethernet
- - IPv4 and IPv6

Operating environment

- 60° F to 95° F (15° C to 35° C)
- 20% to 80% non-condensing humidity

Storage environment

- 5° F to 131° F (-15° C to 55° C)
- 20% to 80%, non-condensing humidity

Electrical requirements (dual voltage, autosensing)

- 100/120 V, 50/60 Hz
- 220/240 V, 50/60 Hz

Warranty

- 12-month system warranty

CE875 INSTANT ISSUANCE SYSTEM OPTIONS

Embossing

- Second 75-character wheel for embossing
- Option to add regional or language-specific characters

CE875 INSTANT ISSUANCE SYSTEM SOFTWARE COMPATIBILITY

Compatible with Datacard® CardWizard® instant issuance software and Datacard® Adaptive Issuance™ Remote Monitoring and Management software



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