

DATASHEET

Entrust Artista CE875 Instant Issuance System with Embossing Module

HIGHLIGHTS

Surpass Cardholder Expectations with Retransfer Print Technology

Whether your customers or members are opening a new account or replacing a card, they don't want to wait to use your product. Entrust instant issuance solutions – including the Artista CE875 system – deliver permanent, high-quality cards the moment they're needed.

Our retransfer technology enables customized card designs that:

- Can be created in minutes
- Have an immediate impact on your customers

Our system allows you to provide personalized products and services that are customized to meet the demands of your clientele. We offer a comprehensive, flexible solution with printing, encoding, and embossing now possible within one system.

KEY FEATURES & BENEFITS

Vibrant, Permanent Embossed Cards That Reflect 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
- Retransfer film adds a layer of durability; apply two for more protection

A Superior Solution That Makes Financial Sense

- 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
- Second layer of retransfer film available to further enhance durability

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
- TLS 1.2 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

THE ENTRUST DIFFERENCE

Instant Issuance Solutions 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, you have one instant issuance partner to help you every step of the way to ensure your solution is optimized.



SINGLE HOPPER

MULTI-HOPPER

TECHNICAL SPECIFICATIONS

Standard Features	Supplies
Print technology	Retransfer pigment ink
Print resolution	600 dots per inch (dpi)
Print speed	Full color printing <ul style="list-style-type: none"> • CMYKP-KPi – up to 60 cards per hour (cph)
Print capabilities	Single or dual-sided, over-the-edge printing
Color modes	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • IAT/ISO magnetic stripe encoding • Optional JIS magnetic stripe encoding • HiCo/LoCo 1,2, and 3 track encoding
EMV Smart Card Encoding	<ul style="list-style-type: none"> • Ethernet and USB • Single-wire connectivity • Contact/Contactless read/write EMV encoding <ul style="list-style-type: none"> - ISO 7816 T=0 & T=1 - ISO 14443 A/B
WiFi (Optional Feature)	<ul style="list-style-type: none"> • Supports the following WiFi types: G (7 MB/s), N (100 MB/s) • Supports the following Authentication Modes: None, WPA2, Personal • 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	<ul style="list-style-type: none"> • Supports TLS 1.1 or TLS 1.2 for DPCL2 Secure communications • Electronic (through Entrust Adaptive Issuance Instant Financial Issuance software) 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, manage, and remove user-specific certificates and keys • Secure Boot prevents system startup if malware is detected • Kensington style lock compatible (lock sold separately) • Concealed output hopper

TECHNICAL SPECIFICATIONS continued

Standard Features	Supplies
Display	<ul style="list-style-type: none"> • 2-line LCD display • User interface languages available: English, Spanish, German, Italian, Japanese
Weight	<ul style="list-style-type: none"> • Top module (input hopper, printing, encoding) <ul style="list-style-type: none"> - 28 lbs. (12.7 kg) – options may vary • Bottom module (indenting, embossing, topping, card output) <ul style="list-style-type: none"> - 40 lbs. (18.1 kg)
Physical dimensions	<ul style="list-style-type: none"> • Top module <ul style="list-style-type: none"> - 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) <ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> • Ethernet • IPv4 and IPv6
Operating environment	<ul style="list-style-type: none"> • 60° F to 95° F (15° C to 35° C) • 20% to 80% non-condensing humidity
Storage environment	<ul style="list-style-type: none"> • 5° F to 131° F (-15° C to 55° C) • 20% to 80%, non-condensing humidity
Electrical requirements (dual voltage, autosensing)	<ul style="list-style-type: none"> • 100/120 V, 50/60 Hz • 220/240 V, 50/60 Hz
Warranty	<ul style="list-style-type: none"> • 36-month system warranty

CE875 Instant Issuance System Options

Embossing	<ul style="list-style-type: none"> • Second 75-character wheel for embossing • Option to add regional or language-specific characters
-----------	---

CE875 Instant Issuance System Software Compatibility

Compatible with Entrust Adaptive Issuance Instant Financial Issuance software

Learn more about the MX Series at [entrust.com](https://www.entrust.com)