

DATASHEET

Entrust Artista CR825 Instant Issuance System

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 CR825 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.



Single-hopper

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
- Optional second layer of retransfer film available to further enhance durability

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 print custom or standard cards on demand
- 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 Needs

- Encode magnetic stripe, contact, and contactless EMV cards to ISO standards
- 600 dot per inch printing using pigment-based ink creates bright, vibrant colors, designs, and images that resist fading, unlike dye

Security You Can Rely On

- Dual-control access to protect card stock, supplies and rejected cards, meeting Visa and Mastercard security requirements
- SSL/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 element of our solution is built to create a seamless experience across our hardware, software, services, and supplies. With Entrust, you have one instant issuance partner to help you every step of the way.



Features and Specifications

Print technology

- Retransfer pigment ink

Print resolution

- 600 dots per inch (dpi)

Print speed

- Dual-sided (CMYKP-KPi): up to 60 cards per hour

Print capabilities

- One- or two-sided printing
- Over-the-edge, full-card printing
- Full-color images

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
- Input hopper: Single removable hopper – Capacity 125 cards 0.030 inches (0.76 mm)
- Output hopper: Normal 25 cards; expandable kit to 125 cards
- (Optional) Multi-Hopper: Six-compartment multi-hopper; six 125-card hoppers; 750-card total capacity

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

Security features

- SSL and TLS 1.2 encryption supports Triple DES and AES-128
- Electronic (through Entrust Financial Instant Issuance software) and mechanical locks (meets Visa and Mastercard requirements)
- Bolt-down provision for securing printer to work area
- TPM Module standard; utilize with Adaptive Issuance Instant Financial Issuance 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

LCD display

- Displays printer status
- Access to printer settings

WiFi (Optional feature)

- 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

Built-in card debowing feature with user-friendly operation

- Automatic card feed
- Quick-change ribbon cassettes
- Color-coded supplies

Warranties

- 36-month system warranty

Single Hopper

Physical dimensions (depth x width x height)

- 21.4 in. x 10.1 in. x 15.6 in.
(54.36 cm x 25.65 cm x 39.62 cm)

Weight

- 28 lb. (12.7 kg); with options will vary

Multi-hopper

Physical dimensions (depth x width x height)

- 25.6 in. x 13.4 in. x 16.2 in.
(65.1 cm x 34 cm x 41.1 cm)

Weight

- 28 lbs. (12.7 kg); with options will vary

Connectivity

- Ethernet
- IPv4 and IPV6

Card types accepted

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

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

Supplies

Color ribbons

- CMYKP-KPi 500 images

Clear retransfer film:

Two options:

- 1,000 images (single-sided), 500 images (dual-sided)
- 1,500 images (single-sided), 750 images (dual-sided)

Software Compatibility

Compatible with Entrust instant financial issuance software.



Multi-hopper

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