ENTRUST DATACARD® CR805™ CARD PRINTER WITH TACTILE IMPRESSION MODULE

A scalable, integrated solution

As part of an integrated solution with Entrust Datacard software, supplies and service, the CR805 card printer is ideal for many different card programs.

Enhanced design, durability and security

Create cards that stand out from the crowd with:

- Pigment ink for brilliant, long-lasting images and designs
- 600 dpi for high-definition printing, and to print small-font black text, bar codes, and other elements
- Over-the-edge printing with retransfer technology to print on multiple card types, including technology cards
- Ability to apply two layers of retransfer film for additional card durability
- Tactile Impression Module enhances durability and security

Designed for Possibilities

The Entrust Datacard® CR805™ Card Printer with Tactile Impression Module gives customers an affordable way to add branding to their ID card program via images and text in select colors with tactile foil cassettes. The color tactile feature is very visible and an easily recognizable item on the card that not only enhances branding, but also delivers a low level security feature to cards without having to add an inline lamination module. There are multiple color tactile foil cassettes available with this new module: white, black, silver, gold, copper, and clear.

Get a stunning, high-end look for every card design. Create cards that stand out from the crowd with pigment ink that provides photo-quality imagery, stunning resolution, and extreme precision. Show off your brand to the world with brilliant, eye-catching card designs, and print lifelike skin tones for more accurate photo representation. The versatility of the CR805 card printer allows you to print everything from corporate badges and school IDs to driver's licenses and other high assurance IDs.

Improve the security of schools, airports, and other key government facilities. With the CR805 card printer, you get images that last longer so you can more accurately authenticate each cardholder. Additional printer security features include:
- Optional locks to help safeguard against unauthorized printer use
- TPM module included in every printer; utilize Datacard® Adaptive Issuance™ Remote Monitoring and Management (RMM) software to insert, manage, and remove user-specific certificates and keys in a secure location
- Secure boot to prevent system startup at any indication of malware

Issue more durable cards and save on replacement costs. Pigment ink provides longer-lasting images due to its natural resistance to UV fading and the effects of plasticizers. Plus, the CR805 card printer enhances the durability of your card by adding an additional layer of retransfer film to the card. Even greater security and durability features — like color tactile impressions — are available with the tactile impression module.

Use card substrates that work for you. With retransfer printing, you can print on the card material that meets your needs and budget. From PVC to PVC composite, PC or PET card types, the CR805 card printer handles it all with ease.

Print on-demand. Print exactly the design you need on-demand, eliminating the need for pre-printed card stock.

◇ **Entrust Datacard®**

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- Optional lock secures cards, ribbons, and retransfer film
- Secure storage with optional lock for rejected cards
- Easy-to-load color ribbon and retransfer film
- Ethernet or USB port for network connectivity
- Inline debower flattens cards after printing
- Selectable color modes available via LCD screen
- Optional smart card or mag stripe encoding
- Secure boot prevents system startup if threat detected
- TPM module inserts, stores, and removes certificates and keys

CR805 Card Printer with Tactile Impression Module Standard Features and Specifications

Print technology	Retransfer pigment ink
Print capabilities	Single or dual-sided, over-the-edge printing
Print resolution	600 dots per inch (dpi)
Print and color tactile speed	Full color printing Single-sided (CMYKP) - up to 100 cards per hour (cph) Double-sided (CMYKP-KP) - up to 66 cards per hour (cph) Printer with optional Tactile Impression Module Single-sided printing and one front side impression - 46 cards per hour (cph) Double-sided printing and one front side impression - 29 cards per hour (cph)
Color modes	True Color (ICC) – prints color as close as possible to image as defined in the card design Legacy SR/CR – prints as close as possible to the SR200, SR300, and SR300e card printers Vivid – printer colors with higher saturation and contrast
Card capacity	Input hopper – up to 125 cards Output hopper – up to 25 cards (Optional 125-card hopper) Card input size – 0.030 inches to 0.040 inches (0.76 mm to 1.01 mm)
Operating environment	60°F – 95°F (15°C – 35°C)
Physical dimensions	Printer L 17.4 in x W 8.9 in x H 9 in / 44.2 cm x 22.6 cm x 22.9 cm Printer with optional Tactile Impression Module L 29.8 in x W 10.1 in x H 25.6 in / 75.7 cm x 25.7 cm x 65.0 cm
Weight	28 lb. (12.7 kg); with options will vary
Connectivity	USB and Ethernet
Warranties	Printer: 36-Month Standard Warranty Printhead: Lifetime Warranty

CR805 Card Printer Optional Features and Supplies

Magnetic stripe encoding	ISO/IAT Magnetic Stripe Encoding JIs Magnetic Stripe Encoding
WiFi	Supports the following WiFi 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.
SmartCard encoding	Single Wire – contact ISO 7816 T=0, 1 Contactless ISO 14443 A/B Protocols, MIFARE Protocols & FeliCa (DES & AES) Loosely couple – contact ISO 7816 T=0, 1 Contactless ISO 14443 A/B Protocols, MIFARE Protocols & FeliCa HID iCLASS™, iCLASS SE™, iCLASS SEOS™ read/write or read-only encoder PC Prox
Color ribbons	CMYKP 1000 images (single-sided) 500 images (dual-sided) CMYKP-KP 750 images CMYP-KPi 750 images CMYKP-KPi 500 images FCMYP-KP 750 images
Clear retransfer film	Two options: 1000 images (single-sided), 500 images (dual-sided) 1500 images (single-sided), 750 images (dual-sided)

Build a complete card issuance solution with Entrust Datacard products

The CR805 card printer works with Datacard® TruCredential software, Datacard® Certified Supplies, and global services to give you a complete ID issuance solution that delivers exceptional results.

Entrust Datacard®

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