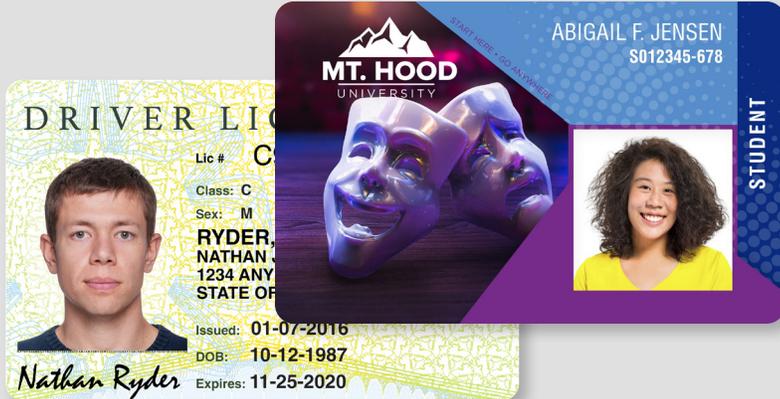


# ENTRUST DATACARD® CR805™ CARD PRINTER



## 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
- Option for enhanced durability and security by adding an inline lamination module and tactile impression module

## Designed for Possibilities

The Entrust Datacard® CR805™ Card Printer gives customers a complete, on-demand card-printing solution with stunning color, card material flexibility, security features, and the durability they need to create virtually any type of card for their customers, citizens, and employees.

**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) 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 tactile impressions — are available with the addition of the optional lamination 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® CR805™ CARD PRINTER



- 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 Printer 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 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)
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, SD300, 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 1.01mm)
Operating environment	60°F - 95°F (15°C - 35°C)
Physical dimensions	L 21.4 in. x W 10.1 in. x H 15.6 in. L 54.34 cm x W 25.53 cm x H 39.68 cm
Weight	28 lb. (12.7 kg); with options will vary
Connectivity	USB and Ethernet
Warranties	Printer: 36-month standard warranty Printhead: Limited lifetime warranty

## CR805 Optional Features and Supplies

Magnetic stripe encoding	ISO/IAT Magnetic Stripe Encoding J1s Magnetic Stripe Encoding
Multi-Hopper	Six-compartment multi-hopper (Six 125-card hoppers, 750-card total capacity)
WiFi	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.
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, 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

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



### Corporate Headquarters

Phone: +1 952 933 1223

[www.datacard.com](http://www.datacard.com)

[info@entrustdatacard.com](mailto:info@entrustdatacard.com)

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