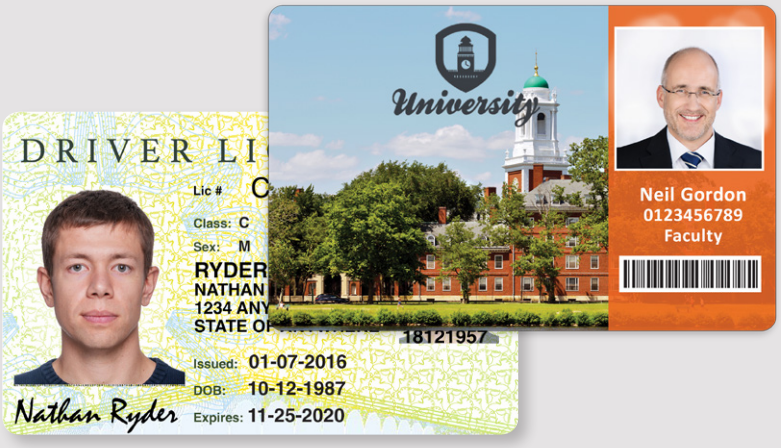
ENTRUST DATACARD™ CR805™ CARD PRINTER



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.

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 microtext, 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 optional 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 durability they need to create virtually any type of card for their customers, citizens, and employees.

A stunning, high-end look for every card design. Create cards that stand out from the crowd — pigment ink 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 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 that 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 RMM to insert, manage and remove user-specific certificates and keys in a secure location
- Secure boot prevents 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, enhance the durability of your card with the CR805 card printer 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 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™

ENTRUST DATACARD™ CR805™ CARD PRINTER WITH INLINE LAMINATION MODULE

- Optional lock secures cards, ribbons and retransfer film
- Secure storage for rejected cards with optional lock
- 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 to prevent system startup if threat detected
- TPM module to insert, store and remove 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 – Close match to the CR500 Instant Issuance System Vivid – printer colors with higher saturation and contrast
Card capacity	Input hopper – 125 cards Output hopper – 25 cards (Optional 125 card) Card input size – 0.030 inches to 0.040 inches (0.76 mm to 10.01mm)
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 JIs Magnetic Stripe Encoding
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.

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