



## Entrust CR805 Retransfer ID Card Printer

# Designed for Possibilities

The Entrust CR805™ Retransfer ID Card Printer provides the stunning color, card material flexibility, security features, and durability you need to create virtually any type of card on demand – right from your desktop.

- High-resolution retransfer printing
- Durable, UV-resistant pigment ink
- Enhanced security features



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## SOLUTION HIGHLIGHTS

### Get a high-end look for every card design

- 600-dpi resolution retransfer printing provides precise, photo-quality imagery as well as microtext, bar codes, and other machine-readable elements
- Pigment ink prints lifelike skin tones so you can more accurately authenticate each cardholder to improve security
- Over-the-edge printing with retransfer technology allows you to print on multiple card types, including technology cards
- On-demand printing means you can print exactly the design you need, eliminating the need for pre-printed card stock

### Use its versatility to your advantage

- Print corporate badges, school IDs, driver's licenses, and other high assurance IDs
- Print on the card material that meets your needs and budget – from PVC to PVC composite, PC, or PET card type
- Add inline modules for more card features as your needs change

### Build a complete card issuance solution

The CR805 card printer works with Entrust Adaptive Issuance™ Instant ID software, certified supplies, and global services to give you a complete ID issuance solution that delivers exceptional results.

## KEY FEATURES & BENEFITS

### Protect the integrity of your data

- TPM module included in every printer – use Entrust Adaptive Issuance™ Remote Monitoring and Management (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
- Optional locks help safeguard against unauthorized printer use
- Optional inline tactile impression module provides enhanced security to the card

### Issue more durable cards and save on replacement costs

- Pigment ink provides longer-lasting images with resistance to UV fading
- Retransfer film adds a layer of durability; apply two for more protection
- Optional inline lamination module provides enhanced durability



## HOW IT WORKS

- Optional lock secures cards, ribbons, retransfer film, and 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



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## TECHNICAL SPECIFICATIONS

### 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 1.01 mm)
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); will vary with options
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												
Multi-Hopper	Six-compartment multi-hopper (Six 125-card hoppers, 750-card total capacity)												
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 Coupled - Contact ISO 7816 T=0, 1 HID iCLASS, read/write or read-only encoder PC Prox												
Color ribbons	<table border="0"> <tr> <td>CMYKP</td> <td>1000 images (single-sided)</td> </tr> <tr> <td></td> <td>500 images (dual-sided)</td> </tr> <tr> <td>CMYKP-KP</td> <td>750 images</td> </tr> <tr> <td>CMYP-KPi</td> <td>750 images</td> </tr> <tr> <td>CMYKP-KPi</td> <td>500 images</td> </tr> <tr> <td>FCMYP-KP</td> <td>750 images</td> </tr> </table>	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
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Clear retransfer film	Two options: 1000 images (single-sided), 500 images (dual-sided) 1500 images (single-sided), 750 images (dual-sided)												

For more information

**888 690 2424**

**+1 952 933 1223**

**sales@entrust.com**

**entrust.com**

## ABOUT ENTRUST CORPORATION

Entrust is dedicated to securing a world in motion by enabling trusted identities, payments, and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services, or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us.

Learn more at  
**entrust.com**



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U.S. Toll-Free Phone: 888 690 2424  
International Phone: +1 952 933 1223  
**info@entrust.com**