



**ENTRUST**

# Artista® CR805 Retransfer Printer with Card Lamination Module

## HIGHLIGHTS

### Designed for possibilities

The Entrust Artista® CR805 Retransfer Printer with Card Lamination Module gives customers a complete, on-demand card-printing solution with stunning color, increased speed, security features, and the durability needed to create virtually any type of card for customers, citizens, and employees.

- Superior image quality
- Expanded modularity
- Issuance security architecture
- Increased speed
- Increased durability
- Cloud compatible (coming soon).

## KEY FEATURES & BENEFITS

### 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 cardstock

### Unmatched security

- Optional locks
- Secure boot protects system from malware or virus on boot-up
- Trusted Platform Module (TPM) manages the printer's own TLS/SSL certificates and keys
- Connection and data sent between software and printer is encrypted
- Customer data is encrypted and is not stored in the printer after printing is complete
- UV printing and other security features added to cards protect from tampering and counterfeiting



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## Issue more durable cards and save on replacement costs

- Pigment ink provides longer-lasting images with resistance to UV fading
- Primerless ribbons have a unique pigment ribbon formation that does not require a primer panel, enabling faster print speeds of 110 cards per hour
- Extend card durability with primerless ribbons. The combination of primerless color ribbon and unique retransfer film improves card durability up to 50% greater in adhesion and abrasion resistance
- Primerless ribbons offer cost savings as a value-priced solution over original primer supply options
- Retransfer film adds a layer of durability; apply two for more protection
- Card lamination module provides enhanced durability and security





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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 (CMYK) – up to 110 cards per hour (cph) Double-sided (CMYK-K) – up to 65 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 (Automatic Card Feed) 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
Operating system support for printer driver	Windows 11 Windows 10, 32- and 64-bit Windows Server 2022 Windows Server 2019  Linux Ubuntu 20.04 LTS Linux Kylin 10



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### 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	WiFi types: 802.11g/n Authentication modes: None, WPA2 Personal Dual-band 2.4GHz & 5GHz
Smart card 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
Primerless color panel ribbons and retransfer film	CMYK – 1,000 images simplex – 500 duplex CMYK-K – 1,000 images duplex Clear retransfer film – 1,000 simplex – 500 duplex
Color ribbons with primer panel and retransfer film	CMYKP-KPi – 500 images dual-sided FCMYP-KPi – 750 images dual-sided Clear retransfer film – 1,500 images single-sided (750 dual-sided) 1,000 images single-sided (500 dual-sided)

For more information

**888.690.2424**

**+1 952 933 1223**

**sales@entrust.com**

**entrust.com**

## ABOUT ENTRUST CORPORATION

Entrust keeps the world moving safely by enabling strong identities, secure payments, and protected data. We offer an unmatched breadth of solutions that are critical to the future of secure enterprises, governments, the people they serve, and the data and transactions associated with them. With our experts serving customers in more than 150 countries and a network of global partners, it's no wonder the world's most trusted organizations trust us.

Learn more at  
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**Identification Systems Group**  
www.identificationsystemsgroup.com  
info@identificationsystemsgroup.com  
888 864 6482