



ENTRUST



Artista® CR805 Retransfer Printer

HIGHLIGHTS

Designed for possibilities

The Artista® CR805 Retransfer Printer provides stunning color with the speed, security features, and durability you need to create virtually any type of card on demand – right from your desktop.

- Superior image quality
- Module options including Lamination, Tactile Impression (TIM), and Multi-Hopper
- Issuance security architecture

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 cards with built-in technology (e.g. EMV chips)
- Retransfer printing allows you to print the entire card design on demand, eliminating the need for pre-printed card stock. Retransfer printing allows you to print the entire card design on demand, eliminating the need for pre-printed card stock.



Learn more about the Artista CR805 printer at [entrust.com](https://www.entrust.com)



Artista® CR805 Retransfer Printer

High performance and reliability

- Optimized printhead and dual-cam design minimizes print variations and ensures consistent outputs
- Quick warm-up for faster first card and overall print speed
- Cleaning cycle cadence at each ribbon swap ensures consistent operation
- Cleaning tool included with every printer ensures easy and repeatable printhead cleaning

Unmatched security

- UV printing and other security features added to the cards protect from tampering and counterfeiting
- Optional locks protect card stock and supplies
- Secure Boot cryptographically authenticates firmware, preventing printer operation if unauthorized modifications are detected
- Trusted Platform Module (TPM) secures a factory-installed Entrust-backed TLS certificate
- Network communication in accordance with NIST SP 800-52 Rev. 2 recommendations when using TLS 1.2 or 1.3 with strong cryptographic protocols*
- Zero Trust network support using RADIUS-enabled IEEE 802.1x password or certificate-based authentication*

*These security features require a properly configured printer with R4.12.2/R4.52.2 or newer firmware.

Issue more durable cards and save on replacement costs

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

Printer Type

Typical Dye-Sublimation Card Printer

Artista CR805 Pigment Ink Card Printer



UV Exposure Over Time ↓



Artista® CR805 Retransfer Printer

Use its versatility to your advantage

- Print on the card material that meets your needs and budget – from PVC to PVC composite, PC, or PET card types
- The only retransfer printer on the market offering color tactile printing with gold, silver, copper, black, white, and clear foil ribbons
- Optional inline lamination module and tactile impression module provide enhanced security to the card
- Expand your ID program as your needs change by adding multi-hopper, smart card capabilities, color tactile printing, and more
- Print anytime, anywhere with your mobile device (iOS, Android, Windows)

We take corporate social responsibility seriously

- Environmentally focused features such as the quick warm-up and primerless ribbons save energy and reduce waste
- Soy inks and recycled cardboard for supply packaging, recyclable supply cores, and more
- Made in the USA at the Entrust Headquarters in Minneapolis, Minnesota





Artista® CR805 Retransfer Printer

TECHNICAL SPECIFICATIONS

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 – prints 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)
Deployment method	On-premises
Operating environment	60°F-95°F (15°C-35°C)
Physical dimensions	Printer only: L 21.4 in. x W 10.1 in. x H 15.6 in. (L 54.3 cm x W 25.5 cm x H 39.7 cm) Printer in box: L 25.1 in x W 14.3 in x H 33 in. (L 63.8 cm x W 36.3 cm x H 57.2 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

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	Standards: 802.11g/n/ac Frequencies: 2.4GHz & 5GHz Authentication modes: WPA2 Personal, WPA2 Enterprise								
Smart card encoding	Single wire or loosely coupled: <ul style="list-style-type: none"> • Contact smart card encoding: ISO 7816 T=0 (T=1), Class A 5V (3V and 1.8V) • Contactless smart card encoding: ISO 14443 A/B, ISO 15693, MIFARE, MIFARE PLUS, MIFARE DESFire EV1/EV2/EV3, HID Prox, iClass, iClass SE, Seos, Felica* <small>*Compatibility with specific features of new card technologies should always be confirmed.</small>								
Primerless color panel ribbons and retransfer film	<table border="0"> <tr> <td>CMYK</td> <td>1,000 images single-sided (500 dual-sided)</td> </tr> <tr> <td>CMYK-K</td> <td>1,000 images dual-sided</td> </tr> <tr> <td>Clear retransfer film</td> <td>1,000 images single-sided (500 dual-sided)</td> </tr> </table>	CMYK	1,000 images single-sided (500 dual-sided)	CMYK-K	1,000 images dual-sided	Clear retransfer film	1,000 images single-sided (500 dual-sided)		
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ABOUT ENTRUST CORPORATION

Entrust is an innovative leader in identity-centric security solutions, providing an integrated platform of scalable, AI-enabled security offerings. We enable organizations to safeguard their operations, evolve without compromise, and protect their interactions in an interconnected world – so they can transform their businesses with confidence. Entrust supports customers in 150+ countries and works with a global partner network. We are trusted by the world's most trusted organizations.

Learn more at
entrust.com



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