



## 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://entrust.com)



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## 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

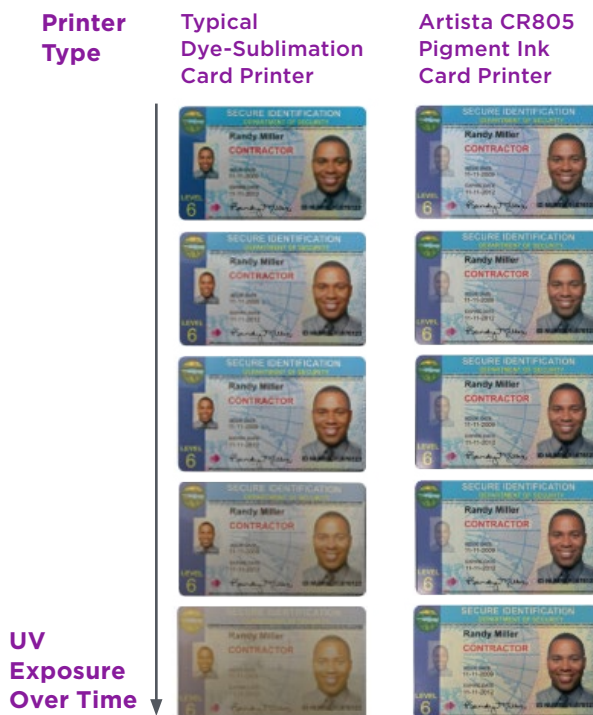
## Unmatched security

- 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





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## 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





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## 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)<br>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<br>Legacy SR/CR – prints as close as possible to the SR200, SD300, and SR300e card printers<br>Vivid – prints colors with higher saturation and contrast |
| Card capacity                     | Input hopper – up to 125 cards<br>Output hopper – up to 25 cards (optional 125-card hopper)<br>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)<br>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<br>Printhead: Limited lifetime warranty                                                                                                                                                                          |

### Optional Features and Supplies

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                        |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Magnetic stripe encoding                            | ISO/IAT magnetic stripe encoding<br>JIS magnetic stripe encoding                                                                                                                                                                                                                                                                                                                                                        |                                                                                                        |
| Multi-hopper                                        | Six-compartment multi-hopper (Six 125-card hoppers, 750-card total capacity)                                                                                                                                                                                                                                                                                                                                            |                                                                                                        |
| WiFi                                                | Standards: 802.11g/n/ac<br>Frequencies: 2.4GHz & 5GHz<br>Authentication modes: WPA2 Personal, WPA2 Enterprise                                                                                                                                                                                                                                                                                                           |                                                                                                        |
| Smart card encoding                                 | Single wire or loosely coupled: <ul style="list-style-type: none"><li>• Contact smart card encoding: ISO 7816 T=0 (T=1), Class A 5V (3V and 1.8V)</li><li>• 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*</li></ul> *Compatibility with specific features of new card technologies should always be confirmed. |                                                                                                        |
| Primerless color panel ribbons and retransfer film  | 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)                                                             |
| 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)<br>1,000 images single sided (500 dual-sided)               |
|                                                     | CYMK-Ki                                                                                                                                                                                                                                                                                                                                                                                                                 | 500 images dual-sided clear satin finish retransfer film<br>1,500 images single-sided (750 dual-sided) |
| Operating system support for printer driver         | Windows 11<br>Windows 10, 32- and 64-bit<br>Windows Server 2019<br>Windows Server 2022                                                                                                                                                                                                                                                                                                                                  | Linux Ubuntu 20.04 LTS<br>Linux Kylin                                                                  |

For more information

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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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## AUTHORIZED DISTRIBUTOR

ScreenCheck, a Centena group company, is a leading value added distributor of physical security and identification solutions across the Middle East and Africa. Screencheck provides individual as well as end-to-end integrated solutions for

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