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

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

- 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 the cards protect from tampering and counterfeiting

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

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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) 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	WiFi type: 802.11g/n Authentication modes: None, WPA2 Personal Dual-band: 2.4GHz and 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 ISSO 7816 T=-, 1 HID ICLASS, read/write or read-only encoder PC prox		
Primerless color panel ribbons and retransfer film	CMYK CMYK-K Clear retransfer film	1,000 images single-sided (500 dual-sided) 1,000 images dual-sided 1,000 images single-sided (500 dual-sided)	
Color ribbons with primer panel and retransfer film	CMYKP-KPi FCMYP-KPi Clear retransfer film	500 images dual-sided 750 images dual-sided 1,500 images single-sided (750 dual-sided) 1,000 images single sided (500 dual-sided)	
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	

For more information

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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
entrust.com

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