



ENTRUST



Artista® CR805 Retransfer Printer with Tactile Impression Module

HIGHLIGHTS

Take security and card design to new levels of personalization

The Artista CR805 Retransfer Printer with Tactile Impression Module lets you easily personalize ID cards with high-resolution, full-color images and text, as well as with a unique color tactile printing technology.

- 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
- Tactile impression module adds eye-catching features to your cards to help promote your brand and set it apart from the competition

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

Learn more about the Artista CR805 printer at entrust.com



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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
- 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

Use its versatility to your advantage

- Print on card material with a glossy PVC surface, either 100% PVC cards or composite cards with a PVC surface
- Choose from a variety of standard tactile impression dies or customize your own
- Add color tactile impression to cards without having to add a card lamination module
- The only retransfer printer on the market offering color tactile printing with gold, silver, copper, black & white, and clear foil ribbons

Flexibility and scalability built for the future

- Issuance capabilities include physical cards
- On-prem deployment
- 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)





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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 and color tactile 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) Tactile impression module: Single-sided printing and one front side impression: 46 cards per hour (cph) Double-sided printing and one front side impression: 29 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 (Automatic Card Feed) Card input size – 0.030 inches to 0.040 inches (0.76 mm to 1.01 mm) Output hopper – up to 25 cards (Optional 125 cards)
Card size and material	Thickness: 0.010 inches to 0.030 inches (0.254 mm to 0.762 mm) Dimension: ID-1, CR80 Material: Use cards with a glossy PVC surface - 100% PVC cards or composite cards with a PVC surface surface
Operating environment	60°F - 95°F (15°C - 35°C)
Physical dimensions	Printer: L 21.4 in. x W 10.1 in. x H 15.6 in. / L 54.34 cm x W 25.7 cm x H 39.68 cm Printer with tactile impression module: L 29.8 in. x W 10.1 in. x H 25.6 in. / 75.7 cm x 25.7 cm x 65.0 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
Resident memory	2GB
Operating system support for printer driver	Windows 10 versions, 32- and 64-bit Windows 8.1, 32- or 64-bit Windows Server 2019 Windows Server 2016 Windows Server 2012, R2, 64-bit



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Optional Features and Supplies

Multi-hopper	Six-compartment multi-hopper (Six 125-card hoppers, 750-card total capacity)	
Magnetic stripe encoding	ISO/IAT magnetic stripe encoding / JIS magnetic stripe encoding	
WiFi	WiFi types: 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 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 single-sided (500 dual-sided)
	CMYK-K	1,000 images dual-sided
	Clear retransfer film	1,000 images single-sided (500 dual-sided)
Tactile foil cassettes	Silver metallic	1,000 impressions
	Gold metallic	1,000 impressions
	Copper metallic	1,000 impressions
	Black	1,000 impressions
	White	750 impressions
	Clear	1,000 impressions
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) 750 impression



Learn more at
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