DATASHEET

# 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)

### 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

## 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

## 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

# 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<br>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 – printer 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) |
| 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 |

| 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<br>Authentication modes: None, WPA2 Personal<br>Dual-band 2.4GHz & 5GHz |
| Smart card encoding | Single wire – Contact ISO 7816 T=0, 1<br>Contactless ISO 14443 A/B Protocols, MIFARE Protocols & FeliCa (DES & AES)<br>Loosely coupled – Contact ISO 7816 T=0, 1<br>HID iCLASS, read/write or read-only encoder<br>PC Prox |
| Primerless color panel ribbons and retransfer film | CMYK – 1,000 images simplex – 500 duplex<br>CMYK-K – 1,000 images duplex<br>Clear retransfer film – 1,000 simplex – 500 duplex |
| Color ribbons with primer panel and retransfer film | CMYKP-KPi – 500 images dual-sided<br>FCMYP-KPi – 750 images dual-sided<br>Clear retransfer film – 1,500 images single-sided (750 dual-sided)<br>– 1,000 images single-sided (500 dual-sided) |

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