



Entrust CR803
Retransfer ID
Card Printer

Designed for Possibilities

The Entrust CR803 Retransfer ID Card Printer provides the stunning color, card material flexibility, security features, and durability you need to create virtually any type of card on demand – right from your desktop.

- High-resolution retransfer printing
- Durable, UV-resistant pigment ink
- Enhanced security features



ENTRUST
SECURING A WORLD IN MOTION



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HIGHLIGHTS

Get a high-end look for every card design

- 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 card stock

KEY FEATURES & BENEFITS

Protect the integrity of your data

- TPM module included in every printer – use Entrust Adaptive Issuance Remote Monitoring and Management (RMM) to insert, manage, and remove user-specific certificates and keys in a secure location
- Secure boot prevents system startup at any indication of malware
- Optional inline tactile impression module provides enhanced security to the card

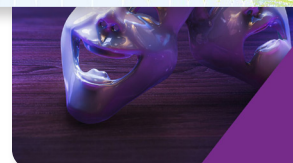
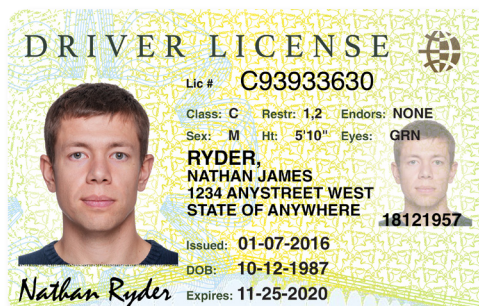
Use its versatility to your advantage

- Print corporate badges, school IDs, driver's licenses, and other high assurance IDs
- Print on the card material that meets your needs and budget – from PVC to PVC composite, polycarbonate (PC) or PET card type
- Add inline modules for more card features as your needs change



HOW IT WORKS

- Easy-to-load color ribbon and retransfer film
- Ethernet or USB port for network connectivity
- Inline debower flattens cards after printing
- Selectable color modes available via LCD screen
- Secure boot prevents system startup if threat detected
- TPM module inserts, stores, and removes certificates and keys





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TECHNICAL SPECIFICATIONS

CR803 Printer Standard Features and Specifications

Print technology	Retransfer pigment ink
Print capabilities	Dual-sided, over-the-edge printing
Print resolution	300 dots per inch (dpi)
Print speed	Full-color printing Single-sided (CMYK) - up to 103 cards per hour (cph) Dual-sided (CMYK-K) - up to 70 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 - printer colors with higher saturation and contrast
Card capacity	Input hopper - up to 125 cards Output hopper - up to 25 cards Card input size - 0.030 inches to 0.040 inches (0.76 mm to 1.01 mm)
Card types supported	ISO/IEC 7810 ID1 Size: .030 in. (.762 mm) (+/-10%), also known as CR80/030 cards
Card materials supported	PVC, PVC Composite, PET, PET-G, and polycarbonate (PC) As card construction can vary, recommend compatibility testing of specific PET, PETG, and polycarbonate card types prior to production.
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

CR803 Optional Features and Supplies

Color ribbons	CMYK 1,000 images (single-sided) CMYK-K 500 images (dual-sided)
Clear retransfer film	1,000 images (single-sided), 500 images (dual-sided)
Magnetic stripe encoding	ISO/IAT Magnetic Stripe Encoding / JIS Magnetic Stripe Encoding
Smart card encoding	Single wire - Contact ISO 7816 T=0, 1 Contactless Loosely coupled - Contact ISO 7816 T=0, 1 HID iCLASS, read/write or read-only encoder PC Prox

For more information

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ABOUT ENTRUST CORPORATION

Entrust secures a rapidly changing world by enabling trusted identities, payments, and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services, or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us.

Learn more at
entrust.com



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