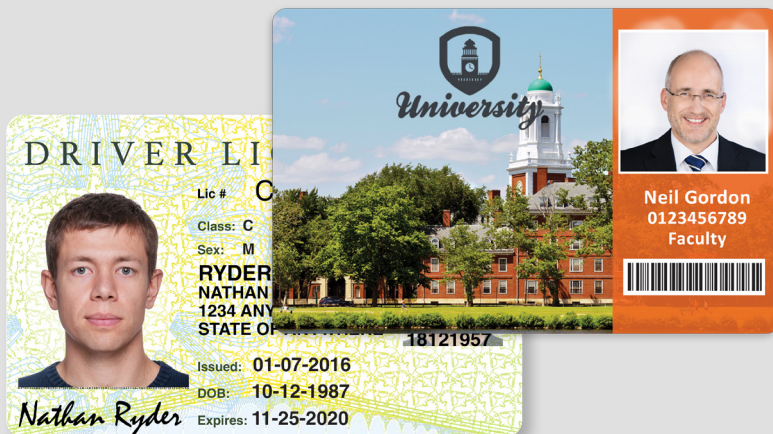


# ENTRUST DATACARD® CR314™ CARD PRINTER



## A scalable, integrated solution

As part of an integrated solution with Entrust Datacard software, supplies, and service, the CR314 card printer is ideal for many different card programs.

## Enhanced design, durability and security

Create cards that stand out from the crowd with:

- Pigment ink for brilliant, long-lasting images and designs
- Over-the-edge printing with retransfer technology to print on multiple card types, including technology cards
- Ability to apply two layers of retransfer film for additional card durability
- Option for enhanced durability and security by adding an inline lamination module and tactile impression module

## Designed for Possibilities

The Entrust Datacard® CR314™ Card Printer gives customers a complete, on-demand card-printing solution with card material flexibility, security features and the durability they need to create virtually any type of card for their customers, citizens and employees.

**Get a stunning, high-end look for every card design.** Create cards that stand out from the crowd with pigment ink that provides photo-quality imagery, stunning resolution and extreme precision. Show off your brand to the world with brilliant, eye-catching card designs, and print lifelike skin tones for more accurate photo representation. The versatility of the CR314 card printer allows you to print everything from corporate badges and school IDs to driver's licenses and other high assurance IDs.

**Improve the security of schools, airports and other key government facilities.** With the CR314 card printer, you get images that last longer so you can more accurately authenticate each cardholder. Additional printer security features include:

- Optional locks to help safeguard against unauthorized printer use
- TPM module included in every printer; utilize Datacard® Adaptive Issuance™ Remote Monitoring and Management (RMM) to insert, manage, and remove user-specific certificates and keys in a secure location
- Secure boot to prevent system startup at any indication of malware

**Issue more durable cards and save on replacement costs.** Pigment ink provides longer-lasting images due to its natural resistance to UV fading and the effects of plasticizers. Plus, the CR314 card printer enhances the durability of your card by adding an additional layer of retransfer film to the card. Even greater security and durability features — like tactile impressions — are available with the addition of the optional lamination module.

**Use card substrates that work for you.** With retransfer printing, you can print on the card material that meets your needs and budget. From PVC to PVC composite, PC or PET card types, the CR314 card printer handles it all with ease.

**Print on-demand.** Print exactly the design you need on-demand, eliminating the need for pre-printed card stock.

# ENTRUST DATACARD® CR314™ CARD PRINTER



- Optional lock secures cards, ribbons and retransfer film
- Secure storage with optional lock for rejected cards
- 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
- Optional smart card or mag stripe encoding
- Secure boot prevents system startup if threat detected
- TPM module inserts, stores, and removes certificates and keys

## CR314 Printer Standard Features and Specifications

|                       |   |
|-----------------------|---|
| Print technology      | Retransfer pigment ink  |
| Print capabilities    | Single or dual-sided, over-the-edge printing  |
| Print resolution      | 300 dots per inch (dpi)   |
| Print speed           | Full-color printing<br>Single-sided (CMYKP) – up to 100 cards per hour (cph)<br>Double-sided (CMYKP-KP) – up to 66 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 1.01mm)   |
| 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.<br>L 54.34 cm x W 25.53 cm x H 39.68 cm  |
| Weight                | 28 lb. (12.7 kg); with options will vary  |
| Connectivity          | USB and Ethernet  |
| Warranties            | Printer: 36-month standard warranty<br>Printhead: Limited lifetime warranty   |

## CR314 Optional Features and Supplies

|                          |  |
|--------------------------|--|
| Magnetic stripe encoding | ISO/IAT Magnetic Stripe Encoding<br>J1s Magnetic Stripe Encoding   |
| WiFi                     | Supports the following WiFi types: G (7 MB/s), N (100 MB/s)<br>Supports the following Authentication Modes: None, WPA, WEP<br>Supports having WiFi using one network (SSID) and Ethernet wired connection.<br>Supports having WiFi using one network (SSID) and USB connection.<br>Supports dual-band 2.4GHz & 5GHz. |
| SmartCard encoding       | Single wire – Contact ISO 7816 T=0, 1<br>Contactless ISO 14443 A/B Protocols, MIFARE Protocols & FeliCa (DES & AES)<br><br>Loosely Couple – Contact ISO 7816 T=0, 1<br>Contactless ISO 14443 A/B Protocols, MIFARE Protocols & FeliCa<br>HID iCLASS, read/write or read-only encoder<br>PC Prox                      |
| Color ribbons            | CMYKP 1000 images (single-sided)<br>500 images (dual-sided)<br>CMYKP-KP 750 images<br>FCMYP-KP 750 images  |
| Clear retransfer film    | Two options:<br>1000 images (single-sided), 500 images (dual-sided)<br>1500 images (single-sided), 750 images (dual-sided)   |



## Build a complete card issuance solution with Entrust Datacard

The CR314 card printer works with Datacard® TruCredential software, certified supplies, and global services to give you a complete ID issuance solution that delivers exceptional results.



### Corporate Headquarters

Phone: +1 952 933 1223

[www.datacard.com](http://www.datacard.com)

[info@entrustdatacard.com](mailto:info@entrustdatacard.com)

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