

DATACARD® CD800™ CARD PRINTER WITH INLINE LAMINATION MODULE



A SCALABLE, INTEGRATED SOLUTION

As part of an integrated solution with Datacard® software, supplies and service, the CD800 card printer with inline lamination module delivers the breakthroughs you've been waiting for. Re-designed and re-imagined, this card printer can grow with your program needs as you take security and durability to the next level.

- Patent pending tactile impression feature that makes cards more secure
- Faster system throughput — up to 210 cards per hour single-sided — with less downtime
- Cost-effective security and durability features, lower total cost of ownership
- A unique patent pending debow feature that flattens cards after lamination
- Optional barcode reader to read serialized laminate

Advance to the Next Level of Security and Durability

Organizations including government agencies, corporations and education establishments face serious and escalating security threats. Issuers need next-level strategies and technology to help prevent ID card counterfeiting and fraud, better protect their people and facilities, and meet demands for faster service. The Datacard® CD800™ card printer with inline lamination module directly addresses your needs by delivering offerings, including high-performance overlays, a unique tactile impression, a bar code reader and a card debow feature.

Innovation that matters. A built-in tactile impression personalization feature creates an impression on the card and physically alters the substrate and overlay to help prevent counterfeiting. Choose from a set of standard designs or create a custom one specific to your organization, elevating security and your brand. Revolutionary new supplies include Datacard® DuraShield™ clear and holographic overlays that offer the best mix of security, durability and affordability. These overlays take security and durability to new levels by providing full edge-to-edge coverage that's virtually impossible to remove intact and providing four times the durability of basic topcoats — at nearly the same price.

Configure the system and security you need. Choose from single- or dual-sided lamination, contact and contactless smart chip and magnetic stripe encoding. You can also choose the security you need with a range of high performance holographic overlays and serialized laminates with a unique identifier number pre-printed on the overlay that can be read by an inline bar code reader to provide an audit trail and validate the secure overlay. Complete the suite with a choice of optional locks and concealed output hopper to protect the printer, card stock and supplies.

Issue cards fast. Print, laminate and impress a tactile feature on up to 210 cards per hour. Designed using best practices, the CD800 card printer is highly efficient, reliable and engineered to meet specific industry standards.

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- Standard 100- or optional 200-card input hopper
- Backlit LCD offers at-a-glance print status
- Tactile Impressor for tamper-evident security
- Ethernet port for network connectivity
- Bar code reader for serialized laminates



- Optional lock suite secures cards, ribbons and laminates
- Secure storage for rejected cards
- Quick-change ribbons switch out in seconds
- Easy access to color-coded laminating cartridges with easy-to-load supplies
- Ethernet port for network connectivity
- Inline debower flattens cards after lamination

CD800 Card Printer with Inline Lamination Features and Specifications

Print technology	Direct-to-card dye-sublimation/resin thermal transfer
Print and lamination capabilities	One- or two-sided edge-to-edge printing, with standard one-sided and optional two-sided lamination; Ultraviolet fluorescent printing; Full-color and monochrome printing capabilities; Alphanumeric, text, logos, digitalized signatures, 1D/2D bar code images Printer pooling/sharing
Print resolution	Standard mode: 300 x 300 dots per inch; standard text, bar code and graphics printing High-quality mode: 300 x 600 dots per inch; enhanced text, bar code and graphics printing; 300 x 1200 dots per inch; enhanced text and bar code printing; 256 shades per color panel
Print, lamination and tactile impression speed	Up to 210 cards per hour front side YMCK ribbon with front side lamination Up to 185 cards per hour front side YMCK-K ribbon, back side K with front side lamination Up to 195 cards per hour (one side print and lamination with tactile) YMCK Up to 160 cards per hour (two sided printer and lamination with tactile) YMCK K
Card capacity	Automatic feed: 100-card input and output for 0.030 in. (0.76mm) cards Manual feed: 1-card input/exception slot
Physical specifications	Lamination station 1 Dimensions: 23.2 in. x 10.6 in. x 20.2 in. (589 mm x 270 mm x 513 mm) Lamination station 1 and 2 Dimensions: 23.2 in. x 10.6 in. x 20.2 in. (589 mm X 270 mm X 513 mm) Lamination station 1, 2 and impressor Dimensions: 26.6 in. x 10.6 in. x 20.2 in. (675 mm x 270 mm x 513 mm)
Weight	Lamination station 1: 29.92 lbs (13.6 kg) Lamination station 1 and 2: 32.78 lbs (14.9 kg) Lamination station 1, 2 and impressor: 36.96 lbs (16.8 kg)
Connectivity	Bidirectional USB 2.0 high speed; Ethernet 10 Base-T/100-Dase-TX (with activity light)
Warranties	30 Months Standard Depot Warranty; 30 months printhead warranty (no pass restriction)

CD800 Printer Options

Magnetic stripe encoding	Field upgradeable; ISO 7811 three-track option (high- and low-coercivity); JIS Type II single-track option; Support for standard and custom data formats
Hopper	200-card input hopper
Smart card personalization	Factory options: Single-wire contact/contactless all-in-one encoder (read/write) for MIFARE, ISO7816, ISO14443 A/B, ISO15693, ISO FeliCa). DESFire Two-wire contact/contactless all-in-one encoder (read/write) for MIFARE/DESFire, ISO7816, ISO14443, A/B Field upgradeable options: Single-wire contact/contactless all-in-one encoder (read/write) for MIFARE, ISO7816, ISO14443 A/B, ISO15693, ISO FeliCa). DESFire Two-wire contact/contactless all-in-one encoder (read/write) for MIFARE/DESFire, ISO7816, ISO14443, A/B iCLASS by HID, read/write encoder or read-only PC Prox by HID, read-only Third-party OEM smart card option-ready (for contactless readers only - additional encoder under third party to support contact encoding)
OpenCard	Factory option only; Supports one- and two-sided printing; Full-color and monochrome printing Front exception card slot supported; Supports legacy OpenCard formats; Ethernet or USB
End-user upgradeable options	Extended 200-card input hopper; Second laminator; Tactile impression; Bar code reader; Kensington security lock

*Ribbon type and number of panels: Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Inline Topcoat; HQ=High Quality



Build a complete card issuance solution with Entrust Datacard

The Datacard® CD800™ card printer with inline lamination module works with Datacard® software, certified supplies and global services to give you a complete ID issuance solution that delivers exceptional results.



Plastic Card Solutions, Inc.
1280 Iroquois Ave., Suite 408
Naperville, IL 60563
United States
www.pcs-i.com
630-848-0200
630-848-0207
sales@pcs-i.com