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.
**DATACARD® CD800™ CARD PRINTER WITH INLINE LAMINATION MODULE**

- Standard 100- or optional 200-card input hopper
- Backlit LCD offers at-a-glance print status
- Tactile Impression 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
- Inline debower flattens cards after lamination

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**CD800 Card Printer with Inline Lamination Features and Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print technology</td>
<td>Direct-to-card dye-sublimation/resin thermal transfer</td>
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<tr>
<td><strong>Print and lamination capabilities</strong></td>
<td>One- or two-sided edge-to-edge printing, with standard one-sided and optional two-sided lamination; Ultraviolet fluorescent printing; Full-color and and monochrome printing capabilities; Alphanumeric, text, logos, digitalized signatures, 1D/2D bar code images</td>
</tr>
<tr>
<td><strong>Print resolution</strong></td>
<td>Standard mode: 300 x 300 dots per inch; standard text, bar code and graphics printing</td>
</tr>
<tr>
<td><strong>Print, lamination and tactile impression speed</strong></td>
<td>Up to 210 cards per hour front side YMCK ribbon with front side lamination</td>
</tr>
<tr>
<td><strong>Card capacity</strong></td>
<td>Automatic feed: 100-card input and output for 0.030 in. (0.76mm) cards</td>
</tr>
<tr>
<td><strong>Physical specifications</strong></td>
<td>Lamination station 1 Dimensions: 23.2 in. x 10.6 in. x 20.2 in. (589 mm x 270 mm x 513 mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>Lamination station 1: 29.92 lbs (13.6 kg)</td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>Bidirectional USB 2.0 high speed; Ethernet 10 Base-T/100 Base-TX (with activity light)</td>
</tr>
<tr>
<td><strong>Warranties</strong></td>
<td>30 Months Standard Depot Warranty; 30 months printhead warranty (no pass restriction)</td>
</tr>
</tbody>
</table>

**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
- Smart card personalization: Factory options: Single-wire contact/contactless all-in-one encoder (read/write) for MIFARE, ISO7816, ISO14443 A/B, ISO15693, ISO FeliCal, 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 FeliCal, 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)
- Additional field 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

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Build a complete card issuance solution with Datacard Group

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.