DATACARD® SD460™ CARD PRINTER

THE NEXT LEVEL IN CARD ISSUANCE

Entrust Datacard has redesigned and re-imagined card printing technology to deliver the breakthroughs you've been waiting for.

- Patent-pending tactile impression feature that makes cards more secure
- Faster system throughput — up to 200 single-sided cards per hour — with less downtime
- Cost-effective security and durability features, lower total cost of ownership
- A unique patent-pending card debow feature that flattens cards after lamination

Safeguard Your Enterprise with Advanced Security and Durability

With constant threats to your enterprise, protecting your people, premises and critical assets requires next-level strategies and technology for your ID card program. The Datacard® SD460™ card printer with a standard laminator directly addresses your concerns by delivering exceptional security and more durable cards. This card printer empowers issuers with innovative yet affordable offerings, including high-performance overlays, a unique tactile impression and a card debow feature.

Innovation that matters. A tactile impression personalization feature enhances security by creating an impression on the card that you can see and feel, making alteration attempts clearly visible. Choose from a set of standard designs or create a custom one specific to your organization, elevating security and your brand. Datacard® DuraShield™ clear and holographic overlays take security and durability to new levels by providing full edge-to-edge coverage that's virtually impossible to remove intact and provides four times the durability of basic topcoats — at nearly the same price.

Single-pass efficiency. Encode contact and contactless smart chips and magnetic stripes or add bar codes to make cards fully compatible with access control and other automated systems. You can also choose the security and durability you need with a range of high- performance topcoats, polyester patches and overlays. All of this from a single system that offers faster throughput and a unique card debow feature that flattens cards after lamination.

A complete, integrated solution. The SD460 card printer offers an open platform for integration into a variety of environments. Combined with Datacard® software, supplies and services, you now have a reliable solution for taking security and durability to the next level.

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Entrust Datacard®

DATACARD® SD460™ CARD PRINTER

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

- 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

SD460 Card Printer 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 and monochrome printing capabilities Alphanumeric, text, logos, digitalized signatures, 1D/2D bar code images Printer pooling/sharing
Print resolution	300 dots per inch, 256 shades per color panel 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
Print, lamination and tactile impression speed	Up to 200 cards per hour front side YMCK ribbon with front side lamination Up to 175 cards per hour front side YMCK-K ribbon, back side K with front side lamination Up to 185 cards per hour (one side print and lamination with tactile) YMCK Up to 150 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 inch x 10.6 inch x 20.2 inch (589 mm x 270 mm x 513 mm) Lamination station 1 and 2 Dimensions: 23.2 inch x 10.6 inch x 20.2 inch (589 mm X 270 mm X 513 mm) Lamination station 1, 2 and impressor Dimensions: 26.6 inch x 10.6 inch x 20.2 inch (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	36 Months Standard Depot Warranty; 36 months printhead warranty (no pass restriction)

SD460 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 FeliCa). DESFire Two-wire contact/contactless all-in-one encoder (read/write) for MIFARE/DESFire, ISO7816, ISO14443, A/B DUALi Single Wire Contact/Contactless Encoder, ISO 7816, ISO 14443, Mifare, Desfire & Felica 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) DUALi Single Wire Contact/Contactless Encoder, ISO 7816, ISO 14443, Mifare, Desfire & Felica
End-user upgradeable options	Extended 200-card input hopper; Second laminator; Tactile impression; KL-style security lock

Build a complete card issuance solution with Entrust Datacard

The Datacard® SD460™ card printer works with Datacard® software, certified supplies and global services to give you a complete ID issuance solution that delivers exceptional results.

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