DATACARD® CR500™ INSTANT ISSUANCE SYSTEM

The Datacard® CR500™ instant issuance system turns blank white stock into highly customized, ready-to-use credit, debit and ATM cards instantly. Issuing financial cards instantly minimizes wait times, reduces costs and lowers the risk of lost or stolen cards. You can give cardholders instant purchasing power and begin generating card-based revenue immediately.

Instantly issue personalized, unembossed financial cards

The Datacard® CR500™ instant issuance system — integrated with Datacard® CardWizard® issuance software — empowers banks, credit unions, retailers and service bureaus to print ready-to-use, flat financial cards on demand. With instant issuance, customers get customized financial cards and immediate purchasing power — which means more revenue, higher activation rates, increased card usage and enhanced customer loyalty. This secure system prints brilliant, full-color photos, logos, text and graphics. A full range of smart card and magnetic stripe options makes it ideal for a wide range of programs. Because the system is smart card-ready, it helps make the transition to EMV® chip-based cards seamless and secure.

Outstanding consistency, reliability and security

- Produce high-quality, custom cards with two-sided printing, magnetic stripe encoding and contact and contactless smart card encoding to ISO standards
- Reduce costs associated with paper, mailing and outsourcing
- Provide personalized customer service and create cross-selling opportunities with instant on-site issuance
- Minimize card inventory and preprinting costs by using blank stock to generate standard and custom cards
- Increase efficiency with multi-card hopper for generating credit, debit or ATM cards
- Enhance security by protecting card stock, supplies and rejected cards with dual-control access to the card issuing system
- Comply with VISA and MasterCard security requirements
- Protect sensitive data from unauthorized interception during network transmission with SSL/TSL encryption

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Standard Features

Printing method
- Dye-sublimation retransfer printing

Print resolution
- 300 dots per inch (dpi)

Print speed
- Delivers a four-color, one-sided card in 36 seconds or one two-sided card in 65 seconds

Print capabilities
- One- or two-sided printing
- Over-the-edge, full-card printing
- Full-color images

Capacity
- Three-compartment multi-card input hopper: two 50-card hoppers, one 70-card hopper, based on 0.030 in. (0.76 mm) cards
- Output hopper: 5 cards, based on 0.030 in. (0.76 mm) cards
- Exception card slide

Encoding
- ISO magnetic stripe
- Contact and contactless smart card encoder for ISO 14443 A/B, ISO 7816 and MIFARE®
  - Single-wire connectivity
  - Supports production of EMV® level1-compliant cards

Security features
- SSL/TSL encryption supports Triple DES and AES-128
- Software-activated lock with back-up mechanical locks to secure card stock, supplies and rejected cards
- Bolt-down provision for securing printer to work area
- Kensington lock compatible (lock sold separately)
- Concealed output hopper

Touch-screen display
- Displays printer status
- Access to printer settings

Dust filter

Bend remedy

User-friendly operation
- Automatic card feed
- Quick-change ribbon cassettes

Warranties
- 24-month standard depot warranty
- Lifetime printhead warranty

Software Compatibility

Compatible with Datacard® CardWizard® instant issuance software

Specifications

Physical dimensions
- L 29 in. x W 15 in. x H 13 in. (73.7 cm x 38.1 cm x 33.0 cm)

Weight
- 47 lbs. (21.3 kg) — approximate, does not include all built-in options or financial options

Connectivity
- Ethernet and USB 2.0
- IPv4

Card types accepted
- ISO/CR-80 size
- 3.370 in. x 2.125 in. (85.60 mm x 53.98 mm)
- PVC, ABS, PET, PET-G, Polycarbonate

Card thickness accepted
- 0.68 mm to 0.84 mm (25 mil to 33 mil)

Operating environment
- 60º F to 86º F (15º C to 30º C)
- 35% to 70%, relative humidity

Storage environment
- 5˚ F to 131˚ F (-15˚ C to 55˚ C)
- 20% to 80%, non-condensing humidity

Electrical requirements (dual voltage, autosensing)
- 100/120 V, 50/60 Hz
- 220/240 V, 50/60 Hz

Supplies

Datacard® Certified Supplies featuring Intelligent Supplies Technology™
- Automatic ribbon identification and validation
- Automatic printer settings and offsets
- Low ribbon warning

Supplies
- YMCKi inhibitor ribbon (750 images)
- InTM retransfer film (1,000 images)
- Printer cleaning supplies

Your complete financial instant issuance solution

Manage your card programs the way you want — with exceptional security, reliability and flexibility. The Datacard® CR500™ instant issuance system works seamlessly with Datacard® software, certified supplies and global services to give you a complete financial instant issuance solution.

Software

Datacard® CardWizard® software is the world's best-selling solution for instant issuance of credit, debit and ATM cards. Instantly issue a wide variety of financial cards on-demand and drive new revenue for your financial card program.

Supplies

Datacard® Certified Supplies help you produce highly secure cards instantly. Count on superb image quality and optimize the performance of your Datacard® issuance system.

Services

Datacard Global Services and our worldwide network of authorized service providers are available to answer any questions or promptly address service issues. Backed by more than 40 years of experience, our skilled professionals provide a full range of technical support for your card program.

ELLIOTT DATA SYSTEMS, INC.

www.elliottdata.com

Memphis, TN
5045 Covington Way
Memphis, TN 38134
1-800-755-0651

St. Louis, MO
17825 Edison Avenue
Chesterfield, MO 63005
1-888-345-8511

DatacardGroup

Corporate Headquarters
11111 Bren Road West
Minnetonka, Minnesota 55343-9015
Phone: +1 952 933 1223
www.datacard.com
info@datacard.com

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