

Datacard 450 Card Personalization System



Mid-volume card issuance from any desktop

The Datacard® 450 card personalization system lets you produce high-quality credit, debit, ATM and retail cards in a fast, single-pass operation.

This rugged, productive system personalizes up to 420 cards per hour—speeds that rival our large, fully integrated card issuance systems. Yet it is compact enough to fit neatly on any desktop.

Add capabilities as your needs expand

The Datacard 450 system features a flexible, modular design that allows the system's capabilities to grow along with your needs. You can start with basic embossing, then add color topping, magnetic stripe

encoding, indent printing and smart card personalization when necessary. Or add an optional keyboard and monitor to the Datacard 450 system for fast, easy card design.

Tremendous productivity for a minimal investment

The Datacard 450 system is ideal for startup card issuers, pilot programs or other applications that require reliable, productive card issuance without a large capital outlay—or taking up large amounts of space.

If card demand has pushed the limits of your instant issuance system—but has not reached levels to justify a full-scale Datacard® card issuance system—the Datacard 450 system is ideal for you.

Simple, intuitive operation

A convenient LCD panel provides clear operator prompts in plain English, making the Datacard 450 system extremely easy to learn and use. An easily accessible card loading tray, output tray and topping foil cassette also make card handling and supplies replenishment fast and simple.

Security features protect your assets

The Datacard 450 system includes security features to help protect your card program from theft and fraud. For example, the chassis must be unlocked for data to be sent to the system, helping to ensure cards only get produced while the system is under supervision. Used indent ribbons and topping foils are also locked in the cabinet to safeguard customer account numbers.



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From the world leader in card issuance systems, service and training

Datacard Group is the world's first choice for card issuance solutions. Leading card issuers use our systems for high-volume central issuance programs and low-volume instant issuance applications. Our systems set the standard for image quality, card security and productivity.

Datacard Group backs this winning product line with world-class service, support and representation in more than 120 countries worldwide. We offer online and on-site support, customer training and a wealth of professional services to help you get the most from your card programs.



Standard features

- 112-character embossing wheel with standard typesets
- Automatic card feed
- Easy-to-read operator prompts
- Locked cabinet

Options

- Magnetic stripe encoding
- Color topping
- Indent printing
- Smart card personalization
- Keyboard and monitor
- Communication interfaces
- Printer support
- Additional embossing and indent typesets
- Microsoft® Windows® 95 and Windows NT® communications kit
- Datacard® WinLec™ application software

Specifications

- Embossing speed:
 - Up to 420 cards per hour for standard financial format (embossing, magnetic stripe encoding, color topping)
 - Up to 600 cards per hour (30 characters embossed only)
- Automatic loading tray: up to 200 cards
- Output tray: up to 120 personalized cards and six reject cards
- Physical dimensions: 35.25 in. x 21.0 in. x 16.75 in. (895.4 mm x 533.4 mm x 425.5 mm)
- Weight:
 - Base system: 120 lbs. (54.48 kg)
 - Full-feature system: 160 lbs. (72.64 kg)
- Electrical requirements:
 - 120V, 50/60 Hz
 - 240V, 50/60 Hz
- Operating environment:
 - 64°F to 80°F (18°C to 27°C)
 - 20% to 85% non-condensing relative humidity
- Plastic cards accepted:
 - CR-80:
 - Size:* 3.375 in. x 2.125 in. (85.7 mm x 54.0 mm)
 - Thickness:* 0.018 in. to 0.030 in. (0.46 mm to 0.76 mm)
 - CR-50:
 - Size:* 3.5 in. x 1.75 in. (88.9 mm x 44.4 mm)
 - Thickness:* 0.018 in. to 0.030 in. (0.46 mm to 0.76 mm)
- Aluminum plates accepted:
 - CR-80:
 - Size:* 3.375 in. x 2.125 in. (85.7 mm x 54.0 mm)
 - Thickness:* 0.016 in. (0.40 mm)
 - CR-50:
 - Size:* 3.5 in. x 1.75 in. (88.9 mm x 44.4 mm)
 - Thickness:* 0.016 in. (0.40 mm)
- Certifications:
 -  and  Mark certified
 - FCC approved

Datacard Group

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Printed in U.S.A.

1FL-3005