

Datacard UltraGrafix 800 Card Personalization System

High-quality card printing to meet every need

The Datacard® UltraGrafix® 800 card personalization system makes it easy and affordable to issue personalized plastic cards to employees, customers, members, students, prospects or any other group of people who use your services or facilities.

This easy-to-use, desktop printing system can deliver up to 800 personalized cards per hour, with your choice of bar codes, text, graphics, magnetic stripes and personalized smart card chips.

You can even upgrade to add black-and-white photos for extra security. Multipurpose cards help you attract new prospects and strengthen the loyalty of your current customers. They help increase sales for hotels, resorts, health clubs, retail stores, supermarkets, amusement parks, casinos and other businesses. They also provide government agencies, manufacturers, utilities, universities and healthcare providers with an affordable way to control access to services and facilities.

Capitalize on market opportunities

Profitable new applications for personalized cards emerge every day, from co-marketing and frequent-shopper programs to membership and ID programs. The UltraGrafix 800 System lets you respond quickly to these opportunities by issuing attractive, durable cards in less than a minute.

Instead of issuing less-durable paper cards or cutting and pasting photo IDs, you can personalize high-quality, plastic cards quickly and affordably.

Personalize cards in a single pass

Whether you issue thousands of cards from a central location or issue cards instantly at several sites, the UltraGrafix 800 System makes the job fast, easy and affordable. Digitized images, alphanumeric text, bar codes and other graphic elements are printed quickly in a single pass.

Optional modules encode magnetic stripes or personalize smart card chips during the printing process, so cards can be used in ATMs, access control systems, transaction terminals and other automated systems.



Produce up to 800 personalized cards per hour in a single-pass operation with the Datacard® UltraGrafix® 800 System.



Datacard® UltraGrafix® 800 Card Personalization System

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Standard features

Graphic images and text

Print photos, logos, text, bar codes and other images with crisp, clear thermal printing. Choose from a variety of ribbon colors.

Bar codes

Print bar codes in horizontal or vertical positions for a variety of applications—including credit and debit programs, access control systems and loyalty programs.

Smart card personalization

Add an inline module and personalize smart cards for a variety of applications—including electronic purse and access control.

Photos

The UltraGrafix 800 System can be upgraded to print black-and-white photos for visual verification of the cardholder. Attract new markets, improve security and control costs with fast, affordable printing of photo ID cards.

Magnetic stripe encoding

Inline magnetic stripe encoding lets you create cards that are compatible with a wide range of automated payment processing and data collection applications. Perfect for member IDs, debit cards and access control.

Options

- Magnetic stripe encoding
- Smart card personalization
- Image capture station
- Additional type fonts
- International character sets
- Variety of print ribbon colors available including topcoat and scratch-off
- Microsoft® Windows® 3.1 driver

Specifications

- Print capabilities:
 - Alphanumeric text
 - Graphics
 - Bar codes
 - Black-and-white photos
- Type fonts:
 - Helvetica
 - Modified Helvetica
 - Times Roman
 - OCR-A, OCR-B
- Print resolution: 240 dots per inch thermal transfer
- Print area: Anywhere on the card, except within 0.10 in. (2.54 mm) of the edge or any raised surface (e.g. signature panel)
- Production speed: Up to 800 cards per hour
- Magnetic stripe encoding:
 - Low- or high-coercivity: Track 1,2,3; NTT
- Plastic card accepted:
 - Size: 3.375 in. wide x 2.125 in. high (85.7 mm wide x 54 mm high)
 - Thickness: .018 in. to .030 in. (.46 mm to .76 mm)
 - Type: PVC with glossy overlamine surface; other core materials with a PVC overlamine are optional
- Physical dimensions: 31.0 in. wide x 21.0 in. deep x 13.0 in. high (78.7 cm wide x 53.3 cm deep x 33.0 cm high)
- Weight: 90 lbs. (40.8 kg)
- Electrical requirements:
 - 120V, 50/60 Hz
 - 240V, 50/60 Hz
- Communications (MS-DOS® only):
 - XON/XOFF, EOT Polling, DTR/RTS flow control
 - Network interface

Computer requirements:

- IBM® 200 MHz Pentium® compatible
- 100 MB free disk space
- 64 MB RAM
- CD-ROM drive
- Available 8-bit expansion slot for serial bus interface
- MS-DOS® 5.0 or higher
- 800 x 600 pixel resolution

Agency approvals:

- UL
- CSA
- TUV
- CE Mark certified

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