FARGO®

# HDPii Financial Card Printer/Encoder

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# Fargo HDPii Financial Card Printer/Encoder

## Deliver a highly personalized customer experience with instant card issuance.

### Financial cards just got exciting.

HID Global, the worldwide leader in solutions for the delivery of secure identity, presents the desktop Fargo HDPii Financial Card Printer/Encoder. The HDPii makes instant issuance practical and affordable for a wide range of financial cards, and helps you deliver an outstanding customer experience with speed, convenience and security.

With the HDPii, branch personnel can hand a new financial card to a customer in minutes. No worries about cards lost or stolen in the mail. No delays due to ordering cards from a card plant or service bureau. Instant issuance with the HDPii means that your customers start using their cards immediately — a plus for your institution.

And financial cards produced by the HDPii offer impressive image quality. Fargo High Definition Printing™ (HDP®) technology prints photo-quality continuous-tone images over the card edge with vibrant colors and sharp text and graphics.

*The HDPii helps attract new customers and build your business with existing customers by offering the opportunity for highly customized card designs.*

### Financial card specialist.

The Fargo HDPii printer/encoder was designed specifically for the secure instant issuance of financial cards. It's based on the field-proven Fargo HDP5000 High Definition Card Printer/Encoder, which is widely used in identity and access control systems by corporations and governments around the world.

The HDPii prints financial cards on both sides and writes card data with its standard magnetic stripe encoder and optional contact or contactless smart card encoders. Special features of the HDPii make it compliant with the security requirements of financial card associations. The printing materials, and the cards in the input and reject hoppers, are all protected by dual hardware and electronic locks, and the output hopper is concealed. The printer has a slot for a Kensington® lock, and can be physically bolted to a countertop. Sensitive cardholder data is AES-128 encrypted as it passes from the printer driver to the internal encoders.

### The HDP advantage.

By using High Definition Printing technology, the HDPii produces financial cards with print quality that rivals preprinted cards. High Definition Printing is a dye-sublimation process that prints crisp text and full-color, continuous-tone graphics to the underside of HDP Film. The film is then fused with heat and pressure to the card surface.

1. Lockable security housing protects card stock, materials, input and reject hoppers.
2. Cartridge-based card handling simplifies reloading or changing card stocks.
3. SmartScreen™ LCD Control Panel displays helpful status messages and prompts.
4. High-yield ribbon and film cartridges load quickly and eliminate the waste of torn materials.
5. Standard magnetic stripe, and optional EMV contact and contactless smart card encoding.
6. Standard USB and Ethernet ports plus internal print server for secure network printing.
7. Exception card feed slot which can re-pin a card or personalize another card stock.
8. Locked reject card hopper.
9. Concealed output hopper.
10. Physical security includes slots for Kensington lock and bolting to countertop.

This re-transfer technology seals the card image under the HDP Film, and provides three essential benefits for financial cards: First is over-the-edge printing, which replicates the look of pre-printed cards. Durability is second, with HDP Film protecting the printed image from rubbing off the card. And third is fraud protection. HDP Film is inherently tamper evident. Any attempt to peel apart the card layers instantly damages the card image.

*High Definition cards deliver superb image quality on smart cards. HDP Film conforms to the uneven surface created by embedded electronics.*

## A new generation of opportunities.

The Fargo HDPii produces the new generation of financial cards with no embossed text on the front, and increasingly, a contact or contactless smart chip inside. Instant issuance opens exciting new possibilities in card design and personalization.

Start with an unprogrammed, magnetic stripe card that's blank white except for the card association's brand mark and hologram. The HDPii gives institutions the flexibility to brand and customize affinity cards for small organizations. Imagine capturing the business of small- to mid-sized companies by co-branding cards with their company logo. The speed, security and superb print quality of the HDPii makes these and other marketing opportunities possible.

The HDPii also simplifies the logistics of instant issuance. Instead of stocking, reordering and securing preprinted cards at each branch location, the HDPii requires only blank card stock imprinted with each card association's brand.

## Simple and secure card production anywhere.

With its ease of use, reliable operation and low maintenance, the HDPii Financial Card Printer/Encoder gives institutions the confidence to deploy instant issuance to hundreds of branch locations. The HDPii is surprisingly easy to use. Cards, ribbons and HDP Film are all cartridge-based and load in a snap. Simple on-screen prompts from the HDPii printer driver, and a helpful LCD control panel on the printer itself, make operation simple and intuitive.

*Add an extra level of security not available on embossed cards: Choose the option to print on HDP Film that's customized with your own holographic design. The HDPii turns white cards pre-imprinted with the card association brand mark and foil hologram into a huge variety of personalized financial cards.*

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## The wait is over.

Financial institutions have wanted a card printer like the HDPii Financial Card Printer/Encoder for decades. Instead of the delays and security concerns of central issuance, the HDPii puts financial card issuance where the customer is, instantly, with vivid color and personalized graphics. It raises customer service and loyalty to a new level. And the HDPii helps lift activation to 100% and shift first transaction to just a day or two after issuance. By eliminating the traditional problems of cost, logistics and security, HID Global has made instant financial card issuance practical, affordable and profitable — with the Fargo HDPii Financial Card Printer/Encoder.

**Learn more about the exciting potential of the HDPii for your financial institution. Visit www.hidglobal.com/fargo**

## Specifications Overview (complete HDPii specs available at www.hidglobal.com/hdpii)

| | |
|---|---|
| Print Method: | HDP Retransfer: Dye-Sublimation / Resin Thermal Transfer |
| Resolution: | 300 dpi (11.8 dots/mm) continuous tone |
| Colors: | Up to 16.7 million / 256 shades per pixel |
| Print Speed (batch mode):** | 70 seconds per card / 51 cards per hour (YMCKI with transfer)* |
| Accepted Standard Card Sizes: | CR-80 (3.370"L x 2.125"W / 85.6mmL x 54mmW) |
| Accepted Card Thickness: | Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm |
| Input Card Cartridge Capacity: | 100 cards (.030" / .762mm) |
| Output Hopper Card Capacity: | 100 cards (.030" / .762mm) |
| Reject Hopper Card Capacity: | 15 cards (.030" / .762mm) |
| Software Drivers: | Windows® 2000 / XP / Server 2003 / Vista |
| Print Area: | Over-the-edge on CR-80 cards |
| Warranty: | • Printer - Two years; optional Extended Warranty Program (U.S. only)<br>• Printhead - Lifetime; unlimited pass |
| Options: | • Smart card encoding (contact/contactless) EMV Level 1<br>• Printer cleaning kit |

* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, I=Inhibit

** Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the CPU, amount of RAM and the amount of available resources at the time of the print.

### *Taking financial cards beyond financial institutions.*

*With the Fargo HDPii, financial card production is now practical and affordable for organizations beyond financial institutions:*

#### *Campus card programs.*

*Yesterday's student photo ID is today's multi-function campus card. Colleges and universities partner with local financial institutions to combine student IDs with debit cards that work on and off campus. They do everything from buy lunch to check out library books. Since campus cards are tied to the financial institution's payment systems, they have to be just as secure as any other financial card. The HDPii makes on-the-spot issuance of IDs fast and efficient. And the superb print quality of the HDPii means that students, faculty and staff can flash their school pride every time they use their cards.*

#### *Retail gift cards.*

*There's no doubt that gift cards are a popular, fast-growing part of retail sales. The HDPii gives retailers of all sizes a huge opportunity to offer an endless array of gift card designs, with customer personalization in image and text areas. Retailers can also quickly change gift card designs for different holidays and promotions.*

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