# HID FARGO® HDP®
# (High Definition Printing)

Retransfer Printers/Encoders

HID

**HID FARGO HDP5000**
*with optional dual-sided printing and lamination*



**HID FARGO HDP6600**
*with optional dual-sided printing and lamination*



Dual-sided printer/encoder



Dual-sided printer/encoder with lamination option

### FLEXIBLE, MODULAR SYSTEMS THAT CAN GROW WITH YOUR NEEDS

HID FARGO HDP Printers offer the versatility to meet your card application needs today and in the future. With add-on dual-sided printing, encoding and lamination modules, these flexibly architected systems let you expand or reduce production instantly. For greater system capacity, an optional dual input card hopper lets you easily manage multiple card types and higher card volumes, expediting even the biggest production jobs. And for one-step, inline printing and encoding, HID Global offers multiple, field-upgradable encoder options. What's more, because HID FARGO HDP printers easily integrate with other products within the HID ecosystem, you can leverage your existing Genuine HID technology investments.

# Highest Quality. Innovative. Proven.

## HID FARGO High Definition Printing Solutions

### SHARPER, CRISPER IMAGES AND TEXT FOR ANY ORGANIZATION

Colors are vibrant. Images and text are crisp. Quality is second to none. ID cards printed on FARGO HDP (High Definition Printing) card printers/encoders do more than protect your organization — they reflect the value you place on your brand. HID FARGO HDP card printers also include a built-in Workbench™ diagnostic utility and Color Assist tool to help your organization better match spot colors on company logos and service marks.

HID FARGO HDP reverse transfer printers are also right for organizations that demand more functionality from their ID cards. Government agencies, healthcare facilities, businesses and corporations, loyalty and membership programs, and colleges and universities are all expanding their use of multi-function smart cards. Encoding options allow configuration of FARGO HDP printers to produce highly secure contact and contactless smart cards that address your specific needs.

When you choose High Definition Printing technology, print quality is never sacrificed. Because precise images and text are printed onto high definition film, instead of directly to the card, the often uneven surface of technology cards won't compromise image quality. HDP printers can also print up to the very edge of smart chip contacts and virtually over the edge of each card so images are always sharp.

### GREATER CARD SECURITY AND DURABILITY

Cards produced by high definition printing solutions are more secure and durable than other types of cards. They are inherently tamper-evident — if a counterfeiter tries to peel apart the layers, the image essentially destroys itself. The cards also resist wear and tear because the printer applies a durable layer of HDP film between the card image and the outside world.

For enhanced durability and security, highly versatile HDP printers also provide the ability to add a holographic overlaminate to the front of an ID card. An overlaminate on both sides doubles the protection — and FARGO HDP printers laminate both sides of a card simultaneously in one efficient pass.

### INVEST WITH CONFIDENCE

When you buy from HID Global, you're investing in peace of mind. With tens of thousands of FARGO HDP printer systems already installed worldwide, HID Global provides the broadest portfolio of trusted, fully interoperable and secure printing and encoding solutions available. In addition, HID Global's FARGO solutions are designed and built in IS0:9001-certified facilities and backed by global product warranties, ongoing printer health monitoring and superb technical support. That's the HID commitment to you, our customer, and why you will always receive the highest level of product quality and service. Guaranteed.

# HID FARGO HDP5000

## High quality meets affordability

### RELIABLE, AFFORABLE, PRECISION PRINT QUALITY

The HDP5000 is one of the most economically priced reverse transfer printers on the market today, making it an ideal solution for a broad range of organizations.

Only with HID FARGO retransfer printers are you ensured the broadest options for keeping cost-per-card at a minimum, lowering your total cost of ownership.

- **Leverage proven HDP technology and reliability.** HID Global introduced High Definition Printing (HDP) in 1999, and we've been perfecting the technology ever since. Our approach to reverse transfer printing technology reflects our commitment to customer-inspired innovation and the evolution of our family of High Definition Printing solutions. Reliable and robust, HID Global's fifth-generation HDP card printing solutions offer the print quality your organization can count on and the technology advancements you want. What's more, fifth-generation reliability means more peace of mind and less printer downtime — and because the printhead never comes in contact with card surfaces or debris,

it's never damaged in the printing process. In fact, it carries a lifetime** warranty.

- **Produce High Definition cards anywhere.** Card production is no longer limited to stand-alone badging stations. A retail chain, for example, can distribute card issuance over a network to any location. On a corporate campus or university, an array of printers/encoders can be set up in a central location for high-volume production. The printer's Ethernet port and internal print server provide the connectivity needed for networked operations. The HDP5000 is the ideal choice for countless scenarios.

- **Take card printing to the next level without breaking the bank.** Only HID FARGO HDP card printers offer proven retransfer technology for every need and virtually every budget — from sharp and vibrant photo ID cards to multi-functional, high-security applications, FARGO HDP printers deliver on the promise of ultimate image quality and printer reliability, all at an affordable price point.

### MAXIMUM PROTECTION.

Protect blank card stock and printed/encoded cards with optional locking card hoppers.

**HDP5000**

**HDP6600**

Featured with optional dual-sided printing capability



**FEATURE-RICH OPTIONS INCLUDE:**

- Dual-sided printing
- Wasteless lamination
- Card flattener
- Dual input card hopper
- 200-card input hopper
- Technology card encoders that allow you to easily migrate to contact and contactless smart card technologies (including but not limited to iCLASS SE® or MIFARE®) or simple magnetic stripe and proximity cards as needed
- Physical locks for card hoppers and consumables access
- Custom secure holographic overlaminate
- Printer cleaning kit

# HID FARGO HDP6600

## The new customer demanded standard in retransfer printing

**GET EVERYTHING YOU WANT FROM YOUR RETRANSFER CARD PRINTER**

Built on six generations of proven retransfer technology, the HID FARGO HDP6600 from HID Global® combines innovative, never-seen-before features and patent-pending iON™ technology with unprecedented print speeds — making it the most advanced, efficient and fastest desktop-based retransfer printer available on the market today.

- **Faster is better.** Only the HDP6600 produces high definition cards, up to 230 cards per hour, and features HID Global's innovative iON technology for image transfer and lamination — an industry first. Patent-pending iON or "instant on" technology rapidly heats the transfer roller and optional laminator allowing the unit to reach optimal operating temperature in just seconds, expediting both the retransfer printing and lamination processes. Other lamination products can take up to five minutes to initially heat up. With the HDP6600, the unit is ready to produce high-quality cards and IDs in under 60 seconds — virtually eliminating that all-too-familiar long wait for the first card. For laminated cards, this means your first card is ready up to 80 percent faster than with other printers, saving you up to 20 hours in wait-time per year on average.

- **Wasteless lamination for highly durable cards at a fraction of the cost.** For laminated cards, the HDP6600 utilizes HID Global's innovative wasteless lamination technology, eliminating the need for standard carrier film and take-up core included in most lamination consumables on the market today. For larger lamination projects, this can substantially reduce high volume laminate materials costs by as much as 40 percent. Both one- or two-material configuration options are available to best fit your lamination needs.

- **Energy-efficient and earth-friendly.** The HDP6600 is an eco-friendly, energy-efficient solution that supports corporate green initiatives and helps organizations reduce costs. Not only does the HDP6600 considerably reduce consumables waste with innovative wasteless lamination technology, the printer has been GreenCircle® Certified for its energy conservation attributes. Its industry-leading iON technology with intelligent temperature control ensures that the retransfer and lamination rollers are only on and consuming energy while in operation. This provides unmatched energy efficiency and translates to significant energy savings for larger projects.

Fast, innovative, feature-rich and reliable, the HID FARGO HDP6600 sets the new customer demanded standard in retransfer printing.

# Personalize cards and IDs in one seamless step.

## SIMPLIFIED, INLINE PERSONALIZATION OF SECURE CREDENTIALS IN A SINGLE STEP

HDP printer card encoding modules enable organizations to print and encode credentials in a one-step, inline process — saving both time and money when producing secure credentials for employees, contractors, vendors or students. Using inline card personalization, users have greater flexibility and end-to-end control over their card procurement, inventory management and card issuance processes. Additionally, by combining printing and encoding within a single device, organizations can rest assured that their company-, employee- or student-specific data is included on each user's card, further extending the overall security of their card issuance programs.

HID card encoding modules also extend the value of HDP retransfer printers by allowing organizations to create cards that are compatible not only with HID products but also with other card/physical access control systems and third-party applications. This technology-agnostic approach to card personalization offers organizations more flexibility in selecting access control systems and greater control over their credentials.

## A WIDE VARIETY OF OPTIONS TO MEET A WIDE VARIETY OF NEEDS

Select from a variety of card encoding module options to extend read/write capability for third-party applications such as physical access, time and attendance, and cashless vending, among others.

Offering a wide array of inline card encoding technologies, HID FARGO HDP printers can meet the needs of virtually any secure credential issuance program. Furthermore, because modules are fully field-upgradeable, encoding can be added or changed at any time to support new card personalization or evolving security needs as your requirements change over time.

## CARD ENCODING MODULES PROVIDE:

- Flexible and easy-to-integrate encoding options for read/write capability
- An optional Developer Tool Kit (DTK), which allows for integration with your credential management system
- Field-upgradeable solutions that can support new card personalization and security needs as your requirements change over time

# Guaranteed Solutions backed by professional services.

## SECURE ISSUANCE SOLUTIONS YOU CAN COUNT ON

From a broad portfolio of Genuine HID guaranteed, interoperable solutions to professional services for solution implementation, maintenance and training, HID Global has got you covered.

With tens of thousands of HDP printers in use worldwide, HID Global's FARGO solutions are fully interoperable with other products within the HID secure identity ecosystem, such as Asure ID card personalization software, EasyLobby secure visitor management solutions or embedded encoders, allowing you to create custom designed smart cards unique to your business. Backed by the Genuine HID guarantee, you can have peace of mind that your employees, visitors, facilities and your data are always secure.

HID Professional Services™ for secure issuance solutions can assist in project planning and management from start to finish. This consultative approach identifies technical complexities and risks up front — finding the best integration pathways, providing options, and deploying the right solution to ensure success.

HID Professional Services are affordably priced and provide high-value deployment assistance services that ensure customer satisfaction from installation through in-depth operator training.

By leveraging one of our HID Professional Services packages, you will receive personalized service from a dedicated HID Professional Services team member who will work with you to ensure best practice implementation and train your team to effectively manage your issuance processes to make the most of your secure issuance solution.

Depending on the type, size and complexity of your deployment, our Genuine HID Investment Protection Service packages can provide your organization with scheduled maintenance updates and functionality upgrades to maximize your printer's performance and ensure that your investment is protected long into the future.

HID Professional Services are sold and delivered through the HID Advantage Partner™ network, together with other Genuine HID products and solutions. Our goal is to deliver complete solutions, ensuring they will be fully operational, deployed according to best practice, on schedule and on budget.

# Product Comparison

| | FEATURES | |
|---|---|---|
| | **HDP5000** | **HDP6600** |
| **Dual-sided Printing** | Field-upgradeable | Field-upgradeable |
| **Print Method** | Retransfer<br>Dye-sublimation | Retransfer<br>Dye-sublimation |
| **Print Speed\*** | Up to 150<br>cards per hour<br>(YMC w/Transfer) | Up to 230<br>cards per hour<br>(YMCK w/Transfer) |
| **iON Technology (Heat-up/Readiness in under 60 seconds)** | | • |
| **Single- or Dual-sided Lamination** | Field-upgradeable | Field-upgradeable<br>Wasteless Lamination |
| **600 dpi** | | • |
| **Inline Printing and Encoding** | • | • |
| **Magnetic Stripe Encoding** | Field-upgradeable | Field-upgradeable |
| **Contact Smart Card Encoding** | Field-upgradeable | Field-upgradeable |
| **125 kHz (HID Global Prox) Reader** | Field-upgradeable | Field-upgradeable |
| **13.56 MHz<br>(iCLASS®, MIFARE®, ISO 14443 A/B, ISO 15693) Read/Write Encoder** | Field-upgradeable | Field-upgradeable |
| **USB and Ethernet with Internal Print Server** | • | • |
| **IPv4- and IPv6-compatible; with support for SNMPv3** | | • |
| **SmartScreen Graphical Diplay** | • | • |
| **Physical Hardware Locks** | Optional | Optional |
| **Data Encryption** | • | • |
| **Printer Password Protection** | • | • |
| **GreenCircle Certified Energy Savings** | | • |
| **Dual Input Card Hopper** | Field-upgradeable | Field-upgradeable |
| **Card Flattener** | | Optional |
| **Three-year\*\* Warranty** | • | • |

| | MARKET APPLICATIONS | |
|---|---|---|
| **APPLICATION / PRINTER** | **HDP5000** | **HDP6600** |
| **Corporate ID** | • | • |
| **National I D** | • | • |
| **Drivers License** | • | • |
| **Government / Military** | • | • |
| **State and Local Government** | • | • |
| **Transportation** | • | • |
| **Healthcare** | • | • |
| **Universities** | • | • |
| **Events** | • | • |

\*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 printhead resolution, the CPU, amount of RAM and available resources at the time of the print.
\*\*Three-year warranty available on printers and lifetime warranty available on printheads with completion of online printer registration. (Two-year warranty standard on both printer and printheads without online printer registration.)

**HID**

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