Printing and Encoding Solutions



FARGO® HDP6600

High Definition Printer/Encoder

HID®



HID® FARGO® HDP6600 — The new customer demanded standard in retransfer printing



High Definition Printing™
HDP® in 600 dpi delivers the highest image quality layered on the highest functioning cards. HDP film is fused to the surfaces of proximity or smart cards, conforming to ridges and indentations formed by the embedded electronics inside the card. As a result, images and text printed on the card are crisper and more vibrant.



Dual-sided printer/encoder



Dual-sided printer/encoder with optional lamination

A flexible, modular system that can grow with your needs.

The HDP6600 offers the versatility to meet your card application needs today and in the future. With add-on dual-sided printing, encoding and lamination modules, the system's flexible architecture lets you expand or reduce production instantly. For greater system capacity, an optional dual-card input hopper lets you easily manage multiple card types and higher card volumes, expediting even the biggest production jobs. For one-step, inline printing and encoding, HID Global offers multiple, field-upgradable encoder options. The HDP6600 also includes an impressive 1GB of memory and a comprehensive set of integration tools, making it easy to use and easy to maintain with only minimal training. Finally, because the HDP6600 easily integrates with other products within the HID Global portfolio, you can leverage your existing Genuine HID Technology™ investments.

Get everything you want from your retransfer card printer.

Built on six generations of proven retransfer technology over the last 20 years, the new 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 the entire 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 can mean your first card is ready up to 80% faster than with other products and can save you up to 20 hours in wait-time per year on average.

High-volume performance.

Designed to meet the high volume needs of medium-to-large corporations, universities, healthcare facilities, government agencies and service bureaus, the HDP6600 includes support for high-yield, full-color ribbon and laminate consumables — keeping costs at a minimum while maximizing productivity. For greater system capacity, an optional 200-card input hopper is available.

Sharper, crisper images and text with 600 dpi.

Colors are vibrant. Images and text are crisp. Quality is second to none. ID cards printed on the HID FARGO HDP6600 card printer/encoder do more than protect your organization — they reflect the value you place on your brand. The HDP6600 produces ID cards with the highest image and text quality available, making it a smart choice for any organization whose brand image is paramount. Not only are colors more brilliant and images sharper, but the high quality, 600 dpi resin printing capabilities of the HDP6600 give you the ability to precisely print small text, complex characters and crisply defined barcodes like never before.

Flawless credentials.

The HID FARGO HDP6600 is also right for organizations that demand more functionality from their ID cards. Encoding options allow configuration of the HDP6600 to produce highly secure contact and contactless smart cards that address your specific needs. The HDP6600 can also print up to the very edge of smart chip contacts and virtually over the edge of each card resulting in professional and polished credentials. The optional card flattener ensures a smooth and level finished card every time.

Wasteless lamination for highly durable cards at a fraction of the cost.

The HDP6600 utilizes HID Global's innovative wasteless lamination technology, eliminating the need for the standard carrier film and take-up core included in most lamination consumables on the market today. As the only desktop-based retransfer printer on the market to offer advanced wasteless lamination technology, the HDP6600 can substantially reduce high-volume laminate materials costs by as much as 40%. Beyond consumables cost savings, wasteless PolyGuard™ LMX overlaminates extend the life of your cards by providing the highest level of card coverage protection available.

Flexible one- or two-material laminate configurations.

The HDP6600 offers one- or two-material configurations to best fit your lamination needs. When only a single lamination material is desired for either the front or both the front and back of your cards, the single laminate material configuration may be utilized. For example, a corporate employee ID may only require a clear laminate patch on both the front and back of the card for enhanced durability.

A dual-side, two-material option is also available for jobs that require different lamination materials on either side of the card. This is especially useful for multi-purpose credentials. For instance, government offices, universities and other organizations may opt for a custom, holographic laminate on the front of their multi-use smart card for added security. Simultaneously, these organizations may want to utilize only a half-patch laminate on the back of the card to protect card elements such as barcodes — or for the purpose of leaving a magnetic stripe unencumbered for cashless vending, transit, physical access to buildings — or access to other applications.

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. To find an HID Advantage Partner or integrator near you, visit **hidglobal.com**.

Specifications Overview (complete HDP6600 specs available at hidglobal.com)

Print Method:	HDP Dye-Sublimation / Resin Thermal Transfer
Resolution:	600 dpi (23.6 dots/mm)
Colors:	Up to 16.7 million / 256 shades per pixel
Print Speed (batch mode):* **	• Up to 230 cards per hour / 16 seconds per card (YMCK** with transfer) • Up to 126 cards per hour / 29 seconds per card (YMCKK** with transfer)
Accepted Standard Card Sizes:	CR-80 (3.375˝ L x 2.125˝ W / 85.6 mm L x 54 mm W)
Accepted Card Thickness:	.030˝ (30 mil) to .040˝ (40 mil) / .762 mm to 1.01 mm
Input Card Cartridge Capacity:	100 cards (.030˝ / .762 mm)
Output Hopper Card Capacity:	200 cards (.030˝ / .762 mm)
Software Drivers:	Windows® 10 / 8.1 / 8 / 7 / Server 2016 / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2
Print Area:	Over-the-edge on CR-80 cards
Warranty:	• Printer - Three years**** including one year of free printer loaner support (U.S. only); optional Extended Warranty Program (U.S. only) • Printhead - Lifetime; unlimited pass
Options:	• Dual-sided printing • Wasteless LMX card lamination module (one-material and two-material configurations available) • Magnetic stripe encoder • Contact Smart Card encoder • Contactless Smart Card encoding modules • 200 card input hopper • Card flattener • Secure Proprietary Consumables System • Custom secure holographic overlaminate • Printer cleaning kit Coming Soon: • Dual input card hopper* • Standard secure holographic HDP Film* • AES 256 data encryption* • Resin scramble data protection* • Physical locks for card hoppers and consumables access*
Included Software	FARGO diagnostic utility with Color Assist spot-color matching included with printer driver

* Coming Soon — Please note that some features and options for the HDP6600 will not be available upon initial commercial launch of the HDP6600 printer/encoder but are expected to be available at a later date. Expected availability and release dates of these features and options are tentative and subject to change. Please contact your local HID Sales Representative for additional information.

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

*** 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.

****Three-year warranty available with completion of online printer registration. (Two-year warranty standard without online printer registration.)

The next generation of smart card applications.

With the HDP6600, you can print in high definition and encode multifunction cards for a variety of applications:



Government IDs
Whether for drivers' licenses, national IDs, or employee and contractor badges, government agencies demand reliable and secure card issuance. The HDP6600 is a versatile, easy-to-use and cost-effective printer/encoder for producing highly secure, durable government IDs. Its high definition printing capabilities produce cards that are resistant to wear, tear and tampering. Optional Visual Security Solutions™ materials provide added fraud and counterfeit deterrence.



Corporate IDs
From large corporations to small businesses, the HDP6600 is streamlining issuance of multi-functional employee ID cards used for visual identification, time and attendance, access control and payment functions. In a single-step, inline process, the printer personalizes smart cards with text and color and writes pre-programmed access data to the card. The printer's inline processing saves time, speeds ID issuance, and effectively reduces data entry errors that occur in the common two-step card personalization and data encoding process. The HDP6600 is also workplace-friendly and engineered to keep noise levels at a minimum when printing intermittently within a quiet office environment.



Student IDs
Yesterday's student photo ID is today's multi-function card on school and college campuses around the world. A single card can be used for physical access to buildings, logical access to networks, library checkout and other services, as well as cashless and debit card transactions on- and off-campus. The HDP6600 makes on-the-spot issuance of these multi-functional student IDs fast and efficient. For IDs that experience significant wear and tear, robust, secure and tamper-resistant high definition printing technology is the right choice.

North America: +1 512 776 9000 • Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +44 1440 714 850
Asia Pacific: +852 3160 9800 • Latin America: +52 55 5081 1650

© 2019 HID Global Corporation/ASSA ABLOY AB. All rights reserved. HID, HID Global, the HID Blue Brick logo, the Chain Design, FARGO, HDP and PolyGuard are trademarks or registered trademarks of HID Global or its licensor(s)/supplier(s) in the US and other countries and may not be used without permission. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners.

2019-12-09-fargo-hdp6600-printer-br-en PLT-04067

An ASSA ABLOY Group brand

ASSA ABLOY

hidglobal.com