



HID® FARGO® HDP5000e

High Definition Printer/Encoder





FARGO HDP5000e

**Where Unparalleled Reliability Meets
Exceptional Usability and Performance.**

A HISTORY OF PROVEN EXPERTISE YOU CAN TRUST

FARGO introduced High Definition Printing (HDP®) in 1999, and we've been advancing the technology ever since. Built on seven generations of proven retransfer technology over the last 25 years, the FARGO HDP5000e ID card printer emerges as the next iteration of FARGO high definition printing solutions, redefining the standards of reliability, usability, security and printing excellence.

Offering superior-quality printing for every need — from sharp and vibrant photo ID cards to multifunctional, high-security applications — and virtually every budget, the FARGO HDP5000e delivers.

CUSTOMER-INSPIRED INNOVATION

Crafted through the meticulous cultivation of insightful feedback from our valued users, partners and internal stakeholders, the FARGO team has engineered a printer that not only maintains the exceptional quality of its HDP5000-series predecessors but adds new customer-inspired features, enhanced usability and performance gains.

UNPARALLELED RELIABILITY

The HDP5000e is exceptionally reliable, which means less overall maintenance and decreased printer downtime. From its reinforced connection points and streamlined module attachment to its advanced card type selector, the HDP5000e was designed for dependability inside and out. The printer's connectivity reinforcements strengthen and protect the USB, Ethernet and power cable connection points — increasing overall resilience and reducing the risk of main board damage or intermittent connectivity — and ensuring stable and reliable operation and data transfers.

The printer's streamlined module attachment ensures a smooth, unobstructed card path and helps eliminate common issues such as internal card jams and misalignment — while its advanced card selector and automatic settings adjustments help safeguard against delamination, card jams, and subsequent consumables and card waste.

For reliable, uninterrupted ID badge and card printing, reduced maintenance and consistent, stunning print quality — you can rely on the FARGO HDP5000e.

USABILITY ENHANCEMENTS AT EVERY TURN

Whether your card printer operators are seasoned IT professionals or novice users, solutions that are easy to set up, use and maintain over the long term will ensure your card program runs smoothly for years to come. Beyond its robust feature set, the HDP5000e simplifies and streamlines operation with its many usability enhancements. Its user-friendly and high-definition SmartScreen™ interface provides easy-to-understand notifications and helpful, walk-through prompts for setup, maintenance and troubleshooting — making it easily accessible to virtually all skill levels.

Thoughtfully designed, the HDP5000e provides hassle-free card path access as well as easy access to film and ribbon drawer assemblies without the need for tools. It also boasts a sleek and smooth, easy-to-clean exterior — sporting a professional, high-quality appearance while simplifying maintenance routines.

SECURITY FROM END TO END

Built-in security features help ensure the FARGO HDP5000e plays an integral role in the overall security of your card issuance program. Here's how:

- **Resin scramble data protection** — This unique feature adds an additional layer of security by scrambling and subsequently concealing any information printed with a resin panel. Used ribbon panels are rendered indecipherable, safeguarding cardholder data from fraudulent use.
- **TLS data encryption** — Encrypted print job data packets further protect sensitive cardholder data while in transit, guaranteeing data integrity and authentication to the final issuance endpoint
- **Password Protection** — User-defined passwords lock down access to the printer and sensitive cardholder data. This helps ensure that unauthorized personnel cannot utilize the printer to print fraudulent cards or access private information.

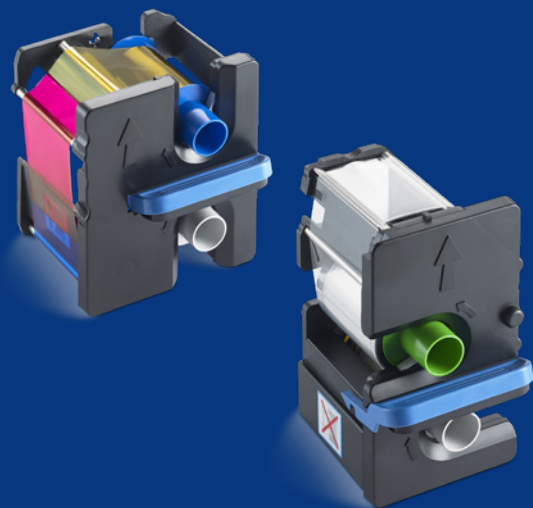
High Definition Printing

High Definition Printing delivers the highest image quality layered on the highest functioning cards. Because HDP film is fused directly to the surfaces of proximity or smart cards, it naturally conforms to ridges and indentations created by embedded electronics inside the card — ensuring flawless, sharp looking, finished credentials every time.



Consumables Convenience

Ribbons, HDP film and overlaminates literally load in a snap via the printer's convenient cartridge-based system — ensuring users can quickly and easily replenish consumables without impacting productivity.



HIGH-VOLUME PERFORMANCE

Designed to meet the higher-volume needs of medium-to-large corporations, universities, healthcare facilities and government agencies, the HDP5000e features increased card throughput over previous HDP5000-series models. At up to 133 per cards per hour, the HDP5000e is among the fastest printers in its class.

The HDP5000e's advanced electronics platform ensures faster and more precise control over the printing process, resulting in higher resolution and more vibrant images. The printer's enhanced memory and processing capabilities allow for more efficient handling of print jobs, especially in high-volume environments.

The HDP5000e is also equipped with an Ethernet port and internal print server making it ideal for networked operations. Due to its inherent portability and exceptional reliability, the printer is also a perfect fit for distributed issuance environments. Simply put, the HDP5000e is the solution of choice for countless scenarios.

A CLOUD-READY SOLUTION

Fully compatible with HID's cloud-based card issuance platform, HID FARGO Connect™, the HDP5000e empowers today's organizations to leverage the cloud to create superior-quality, multifunctional employee badges and other secure identity credentials — and issue them from anywhere.



ENHANCED COLOR PROFILE FOR SUPERIOR IMAGERY

Colors are vibrant. Images and text are crisp. An enhanced color profile ensures that ID cards printed on the FARGO HDP5000e card printer do more than protect your organization — they reflect the value you place on your brand. Its highly vivid imagery also aids in visual ID verification.

FLAWLESS CREDENTIALS

The FARGO HDP5000e is also right for organizations that demand more functionality from their ID cards. Encoding options can be configured to produce highly secure contact and contactless smart cards that address your specific needs. The HDP5000e 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.

MULTIPASS FUNCTIONALITY FOR INCREASED DURABILITY

For increased durability, additional HDP film layers may be optionally applied with the printer's inclusive multipass function — providing the enhanced protection that high-use IDs and cards demand.

A MODULAR SYSTEM THAT CAN GROW WITH YOUR NEEDS

The HDP 5000e 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 input card hopper lets you easily manage multiple card types and higher card volumes, expediting even the biggest production jobs. An optional 200-card input hopper is also available.

For one-step, inline printing and encoding, multiple, field-upgradable encoder options are also available.

Versatile Configurations to Meet Every Need



Single-side printer



Dual-side printer with dual input hopper



Dual-side printer



Dual-side printer with lamination

PERSONALIZE CARDS IN ONE SEAMLESS STEP

FARGO HDP5000e card encoding modules enable organizations to print and encode credentials in a one-step, inline process — saving both time and money. In a single step, the printer/encoder personalizes smart cards with text and color and reads/writes data from/to the card's smart chip. This inline processing speeds ID issuance and effectively eliminates the potential for manual data entry errors that occur in the common two-step card personalization and data encoding process.

Offering a wide array of inline card encoding technologies, the HID FARGO HDP5000e 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.

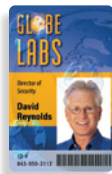


PRINT AND ENCODE MULTIFUNCTION CARDS FOR A VAREITY OF APPLICATIONS



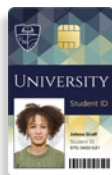
GOVERNMENT ID

Government agencies demand reliable and secure card issuance for an array of credentials spanning drivers' licenses, national IDs, employee and contractor badges and more. The HDP5000e is a versatile, easy-to-use and cost-effective printer/encoder for producing highly secure, durable, government-issued IDs — cards that are resistant to wear, tear and tampering. Optional Visual Security Elements (VSEs) provide added fraud and counterfeit deterrence.



CORPORATE ID

From medium-sized companies and large enterprises to healthcare campuses, the HDP5000e streamlines the issuance of multifunctional employee, contractor or visitor ID cards used for visual identification, access control, time and attendance, and payment functions.



STUDENT ID

Yesterday's student photo ID is today's multifunction campus One Card. 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 HDP5000e makes on-the-spot issuance of these multifunctional student IDs fast and efficient.

LEVEL UP YOUR CARD PRINTING EXPERIENCE

Only one card printer offers 7th generation retransfer technology for every need — from sharp and vibrant photo ID cards to multifunctional, high security ID badge and card applications, the customer-inspired FARGO HDP5000e is the solution of choice for superior image quality, ease of use and printer reliability.



LEARN MORE TODAY

To learn more about the FARGO HDP5000e or to find a FARGO dealer or integrator near you, visit hidglobal.com.

SPECIFICATIONS OVERVIEW (COMPLETE HDP5000E SPECS AVAILABLE AT HIDGLOBAL.COM)

Print Method:	HDP Dye-Sublimation / Resin Thermal Transfer	
Resolution:	300 dpi (11.8 dots/mm)	
Colors:	Up to 16.7 million / 256 shades per pixel	
Print Speed (Batch Mode):**	• Up to 27 seconds per card/ 133 cards per hour (YMCK* with transfer) • Up to 33 seconds per card/ 109 cards per hour (YMCKK* with transfer)	
Accepted Standard Card Sizes:	CR-80 (3.370" L x 2.125" W / 85.6 mm L x 54 mm W)	
Accepted Card Thickness:	.030" (30 mil) to .050" (50 mil) / .762 mm to 1.27 mm	
Input Card Cartridge Capacity:	100 cards (.030" / .762mm) – Optional dual input hopper or 200-card input hopper available for a total input capacity of 200 cards	
Output Hopper Card Capacity:	200 cards (.030" / .762 mm)	
Software Drivers:	Windows® 10 / 11 / Server 2016 / Server 2019 / Server 2022	
Print Area:	Over-the-edge on CR-80 cards	
Warranty:	Printer - Four years including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only) Printhead – Lifetime, unlimited card passes	
Options:	• Dual-sided printing • Lamination module • Magnetic stripe encoder • Contact smart card encoder • Contactless smart card encoding modules • Single-wire Ethernet or USB 2.0 interface for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license)	
	• 200-card input hopper • Dual input card hopper • Secure Proprietary Consumables • Printer Cleaning Kit • Single-wire Ethernet for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license)	
Included Software	Diagnostic utility with Color Assist spot-color matching included with driver	

* 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, the amount of RAM and the available resources at the time of the print.



FARGO HDP5000e

Print Method:	HDP Dye-Sublimation / Resin Thermal Transfer	
Resolution:	300 dpi (11.8 dots/mm)	
Colors:	Up to 16.7 million / 256 shades per pixel	
Print Ribbon Options:	• Full-color, YMC* 750 prints • Full-color with resin black, YMCK*, 500 prints • Full-color with two resin black panels, YMCKK*, 500 prints	• Full-color with resin black and fluorescing panels, YMCKF*, 500 prints • Resin black, K*, 3000 prints
HDP Film Options:	• Clear (1,500 prints) • Standard Holographic (500 prints) • Contact HID regarding Custom Holographic Film options	
****Overlamine Options:	• Thermal Transfer Overlamine, .25 mil thick, 500 prints • PolyGuard® Overlamine, 1.0 mil and .6 mil thick, 250 prints (PolyGuard available in a CR-80 patch size) All overlaminates available in clear, standard holographic design or custom holographic design	
**Print Speed:	Batch Mode: • Up to 20 seconds per card / 178 cards per hour (YMC with transfer)* • Up to 27 seconds per card / 133 cards per hour (YMCK with transfer)* • Up to 33 seconds per card / 109 cards per hour (YMCKK with transfer)* • Up to 33 seconds per card / 109 cards per hour (YMCK with transfer and dual-sided, simultaneous lamination)* • Up to 44 seconds per card / 82 cards per hour (YMCKK with transfer and dual-sided, simultaneous lamination)*	
Security Features	Resin scramble data protection, password protection, TLS encryption, fluorescent panel (UV) printing	
Accepted Standard Card Sizes:	CR-80 (3.375"L x 2.125"W / 85.6mmL x 54mmW)	
Print Area:	Over-the-edge on CR-80 cards	
Accepted Card Thickness:	• Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm • Print/Lamination: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm	
Accepted Card Types:	ABS, Laminated PVC, PET, PETG, proximity, smart and mag stripe cards Note: ABS and PVC cards are not recommended for use in the HDP5000e Lamination Module.***	
Input Card Cartridge Capacity:	100 cards (.030" / .762mm) – Optional dual input hopper or 200-card input hopper available for a total input capacity of 200 cards	
Output Hopper Card Capacity:	200 cards (.030" / .762mm)	
Card Cleaning:	Replaceable cleaning roller (included with each print ribbon)	
Memory	1 GB RAM	
Display:	Graphical OLED	
Software Drivers:	Windows® 10 / 11 / Server 2016 / Server 2019 / Server 2022	
Single Wire USB 2.0 Encoding Options	• ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 • Contactless Smart Card Encoder (HID iCLASS® and MIFARE / DESFire) • ISO 7816 Contact Smart Card Encoder • Prox Card Reader (HID read-only)	
Supported Access Control Credential Programming	iCLASS® Standard / SE / SR / Seos, MIFARE Classic®, MIFARE / DESFire® EV1 / EV2, HID Prox (Also see the Card Encoding Modules for FARGO Card Printers Datasheet for additional information)	
Interface:	USB 2.0 (high speed) and Ethernet with internal print server	
Operating Temperature:	65° to 90° F / 18° to 32° C	
Humidity:	20 - 80% non-condensing	
Dimensions:	• HDP5000e: 12"H x 16.5"W x 11"D / 30.5cmH x 41.9cmW x 27.9cmD • HDP5000e + Dual-Sided Module: 12"H x 22"W x 11"D / 30.5cmH x 55.9cmW x 27.9cmD • HDP5000e + Single-Sided Lam Module: 12.75"H x 25"W x 11"D / 32.4cmH x 63.5cmW x 27.9cmD • HDP5000e + Dual-Sided Module + Dual-Sided Lam Module: 12.75"H x 30"W x 11"D / 32.4cmH x 76.2cmW x 27.9cmD • Lam Module: 12.75"H x 12.25"W x 11"D / 32.4cmH x 31.1cmW x 27.9cmD	
Weight:	• HDP5000e: 18.7 lbs. / 8.5 kg • HDP5000e + Dual-Sided Module: 28.6 lbs. / 13 kg • HDP5000e + Single-Sided Lam Module: 31.7 lbs. / 14.4 kg • HDP5000e + Dual-Sided Module + Dual-Sided Lam Module: 39.6 lbs. / 18 kg	
Certifications:	UL, CE, FCC, IC, IFTL, KC, VCCI, MIC, NCC, WPC, BIS, ENACOM	
Supply Voltage:	100-240 VAC, 1.6A	
Supply Frequency:	50 Hz / 60 Hz	
Warranty:	• Printer - Four years including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only) • Printhead – Lifetime, unlimited card passes	
FARGO Secure Materials:	FARGO Card Printer/Encoders require highly specialized media to function properly. To maximize printed card quality and durability, printhead life and printer/encoder reliability, use only HID Secure Materials. HID warranties are void, where not prohibited by law, when non-HID Secure Materials are used.	
Options:	• Single-wire Ethernet for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license) • Dual input card hopper module • Card lamination module – single-sided or dual-sided (simultaneous) • Magnetic stripe encoding • 200-card input hopper • Smart card encoding (contact/contactless) • Dual-sided printing • Printer cleaning kit • Secure proprietary consumables system • Custom secure holographic HDP Film and overlamine	
Software:	Diagnostic utility with Color Assist spot-color matching included with driver	

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

** 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.

*** ABS and PVC cards are not recommended for use in the HDP5000e Lamination Module





CDG | Computer Peripheral
and Supplies Ltd.

Computer Peripheral and Supplies Ltd.
244 Soi Phatthanakan 53, Phatthanakan, Suanluang,
Bangkok 10250 Thailand

Tel : (66) 0-2322-9535, 0-2722-4040, Fax : (66) 0-2322-7990
Email : sales.dept@cps.co.th, www.cps.co.th
www.facebook.com/cps.co.th, LINE ID : @cps.co.th

More Details

Scan Here
LINE ID
Need more
Information

