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 (coming soon) • Full-color with resin black and fluorescing panels, YMCFK*, 500 prints (coming soon) • Full-color with resin black, YMCK*, 500 prints • Resin black, K*, 3000 prints (coming soon) • Full-color with two resin black panels, YMCKK*, 500 prints
HDP Film Options:	• Clear (1,500 prints) • Standard Holographic (500 prints) – coming soon • Contact HID regarding Custom Holographic Film options
*****Overlaminate Options:**	• Thermal Transfer Overlaminate, .25 mil thick, 500 prints • PolyGuard® Overlaminate, 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 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)*
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)
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, IFTEL, KC, VCCI, MIC, NCC, WPC, BIS, ENACOM
Supply Voltage:	100-240 VAC, 1.6A
Supply Frequency:	50 Hz / 60 Hz
Warranty:	• Printer - Three 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:	• 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 • Door and cartridge locks • Printer cleaning kit • Secure proprietary consumables system • Custom secure holographic HDP Film and overlaminate*****
Software:	FARGO Workbench™ 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.

   **** 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.)

   ***** Lamination coming soon

SPECIFICATIONS SHEET