HID®

FARGO® HDP5600

Print Method:	HDP® Dye-Sublimation / Resin Thermal Transfer
Resolution:	Available in 600 dpi (23.6 dots/mm) or 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 heat seal panel for difficult-to-print surfaces, YMCKH*, 500 prints • Full-color with resin black and inhibit panel for signature or other non-printing areas, YMCKI*, 500 prints • Full-color with fluorescing and resin black, YMCFK*, 500 prints • Full-color with two resin black and inhibit panels for signature or other non-printing areas, YMCKIKI*, 400 prints • Full-color in half panel format with a full resin black panel, Half Panel YMCK*, 1000 prints • Full-color in half panel with two full resin black panels for producing cards with full-color front and black-only back, Half Panel YMCKK*, 750 prints • Premium Resin Black, K*, 3000 prints
HDP Film Options:	Clear (Approximately 1500 prints) / Standard Holographic (500 prints) / Custom Holographic, special order (500 prints) / High Durable HDP Film (Clear) with increased durability for producing longer life cards (Approximately 1000 prints)
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 24 seconds per card / 150 cards per hour (YMC with transfer)* • Up to 29 seconds per card / 124 cards per hour (YMCK with transfer)* • Up to 40 seconds per card / 90 cards per hour (YMCKK with transfer)* • Up to 35 seconds per card / 102 cards per hour (YMCK with transfer and dual-sided, simultaneous lamination)* • Up to 48 seconds per card / 75 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:	.030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm
Accepted Card Types:	ABS, PVC, PET, PETG, proximity, smart and mag stripe cards, optical memory cards, polycarbonate. Note: ABS and PVC cards are not recommended for use in the HDP5600 Lamination Module***
Input Card Cartridge Capacity:	100 cards (.030" / .762mm)
Output Hopper Card Capacity:	200 cards (.030" / .762mm)
Card Cleaning:	Replaceable cleaning roller (included with each print ribbon)
Memory:	64 MB RAM
Display:	User-friendly, SmartScreen™ LCD Control Panel
Software Drivers:	Windows 10 / 8 / 7 / Vista / XP / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2 / Server 2003 R2 / Server 2003 R1 Mac OS X v10.10 / v10.9 / v10.8 / v10.7 / v10.6 and Linux****
Encoding Options:	Supported smart card and magnetic stripe technologies: 125kHz (HID Prox) reader; 13.56 MHz (iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire® EV1, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivity, tracks 1, 2 and 3.
Supported Access Control Credential Programming	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox
Interface:	USB 2.0 and Ethernet with internal print server
Operating Temperature:	65° to 90° F / 18° to 32° C
Humidity:	20 - 80% non-condensing
Dimensions:	• HDP5600: 11.50"H x 12.25"W x 9.25"D / 292mmH x 313mmW x 235mmD • HDP5600 + Dual-Sided Module: 11.50"H x 17.50"W x 9.25"D / 292mmH x 445mmW x 235mmD • HDP5600 + Single-Sided Lam Module: 12.75"H x 25"W x 9.25"D / 324mmH x 635mmW x 235mmD • HDP5600 + Dual-Sided Module + Dual-Sided Lam Module: 12.75"H x 30"W x 9.25"D / 324mmH x 762mmW x 235mmD • Lam Module: 12.75"H x 12.25"W x 9.25"D / 324mmH x 313mmW x 235mmD
Weight:	• HDP5600: 16 lbs. / 7.3 kg, HDP5000 + Dual-Sided Module: 22 lbs. / 10 kg • HDP5600 + Single-Sided Lam Module: 28 lbs. / 12.7 kg • HDP5600 + Dual-Sided Module + Dual-Sided Lam Module: 36 lbs. / 16.4 kg
Certifications ***:**	UL, CE, FCC
Supply Voltage:	100-240 VAC, 3.3A max
Supply Frequency:	50 Hz / 60 Hz
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
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:	• 600 dpi • Dual card input 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 • Physical locks for card hoppers and consumables access • Printer cleaning kit • Secure proprietary consumables system • Custom secure holographic HDP Film and overlaminate • Wi-Fi® Module
Software:	FARGO Workbench diagnostic utility with Color Assist spot-color matching

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

** 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 the amount of available resources at the time of the print.

*** ABS and PVC cards are not recommended for use in the HDP5600 Lamination Module. (Free card proofing available. Please contact your local integrator for more information.)

****Linux driver support availability expected Q1 2016. Linux versions: Ubuntu 10.04 / 12.04 / 14.04, Debian 6 / 7 / 8, Fedora 20 / 21 / 22, openSUSE 13.1 / 13.2

*****Please contact your HID Global Sales Representative or local HID Integrator for additional certification information

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