SPECIFICATIONS SHEET

HID

FARGO® HDPii Plus

Print Method	HDP® Retransfer: Dye Sublimation / Resin Thermal Transfer
Resolution	300 dpi (11.8 dots/mm) continuous tone
Colors	Up to 16.7 million / 256 shades per pixel
Print Ribbon Options	• Full-color with resin black and inhibit panel for signature or other non-printing areas, YMCKI*, 500 prints • Full-color with resin black and inhibit panel for signature or other non-printing areas and heat seal panel for difficult to print surfaces, YMCIKH*, 450 prints • Full-color with resin black and inhibit panel for signature or other non-printing areas, YMCKIKI*, 400 prints • Resin black, K, 3000 prints
HDP Film Options	• Clear (1,500 prints) • Standard Holographic (500 prints) • Custom Holographic, special order (500 prints)
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 48 seconds per card / 75 cards per hour (YMCKI with transfer)*
Accepted Standard Card Sizes	CR-80 (3.370" L x 2.125" W / 85.6mm L x 54mm W)
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
Accepted Card Types	ABS, Laminated PVC, PET, PETG, proximity, smart and mag stripe cards
Input Card Cartridge Capacity	100 cards (.030" / .762mm)
Output Hopper Card Capacity	100 cards (.030" / .762mm)
Reject Hopper Card Capacity	15 cards (.030" / .762mm)
Card Cleaning	Replaceable cleaning roller (included with each print ribbon)
Display	User-friendly, SmartScreen™ LCD Control Panel
Software Drivers	Windows 8/ 7/ 10/ Vista / Server 2003, 2008, 2012 and 2016/ XP
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) • 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
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	11.50" H x 24.60" W x 9.25" D / 292mm H x 625mm W x 235mm D
Weight	28 lbs. / 12.8 kg
Certifications	UL, CE, IC, FCC Class-A, CCC, BSMI, KC, MIC
Supply Voltage	100-240 VAC, 3.3A
Supply Frequency	50 Hz / 60 Hz
Warranty	Printer - Three Years, 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 materials. HID warranties are void, where not prohibited by law, when non-HID materials are used.
Options	• Dual card input hopper • Smart card encoding (contact/contactless), EMV Level 1 • Printer cleaning kit • Secure proprietary consumables system
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 CPU, amount of RAM and the amount of available resources at the time of the print.

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