

HDPii Financial Card Printer/Encoder Specifications

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:	<ul style="list-style-type: none"> • 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 • 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: <ul style="list-style-type: none"> • 26 seconds per card / 138 cards per hour (YMC with transfer)* • 32 seconds per card / 113 cards per hour (YMCK with transfer)* • 47 seconds per card / 77 cards per hour (YMCKK with transfer)* • 52 seconds per card / 69 cards per hour (YMCKI with transfer)*
Accepted Standard Card Sizes:	CR-80 (3.370"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
Accepted Card Types:	ABS, Laminated PVC, PET, PETG, proximity, smart and mag stripe cards, optical memory cards
Input Hopper Card Capacity:	100 cards each (.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)
Memory:	16MB RAM
Display:	User-friendly, SmartScreen™ LCD Control Panel
Software Drivers:	Windows® 2000 / XP / Server 2003 / Vista (32 bit)
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 14.75"W x 9.25"D / 292mmH x 630mmW x 235mmD
Weight:	28 lbs. / 12.8 kg
Agency Listings:	Safety: IEC/UL 60950-1 (2001) 1st Edition, CSA C22.2 No 60950-1-03 1st Edition, CB report, CE marking EMC: FCC Part 15 Class A, EN 55022:2006 Class A, CRC c1374, EN 61000-3-2:2006, EN 61000-3-3:1995 +A1:2001 +A2:2006, EN 55024:1998 +A1:2001 + A2:2003, CNS 13438 (BSMI No.:SL2-IN-E-014R), CE mark, and CCC.
Supply Voltage:	100-240 VAC, 3.8A
Supply Frequency:	50 Hz / 60 Hz
Warranty:	Printer - Two Years, Printhead - Lifetime; unlimited pass
Fargo 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 Fargo materials. Fargo warranties are void, where not prohibited by law, when non-Fargo materials are used.
Options:	<ul style="list-style-type: none"> • Smart card encoding (contact/contactless), EMV Level 1 • Printer cleaning kit
Software:	Fargo Workbench Diagnostic Utility

* 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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