HDP600

HIGH DEFINITION CARD PRINTER/ENCODER

High-Security Cards Demand High Definition Printing!

There's simply no better way to produce high-security cards with embedded electronics.

GOVERNMENT

- Contact Smart Cards
- MIFARE® Contactless Cards
- HID® iCLASS™ Contactless Cards
- Proximity Cards
- Magnetic Stripe Cards
- Wiegand Cards
- Optical Memory Cards
- Bar Codes
- and more

MILITARY

Talk to your authorized Fargo integrator about why the HDP600 is the printer/encoder of choice for government, corporate and other high-security card applications.

CORPORATE

Maximize the performance of your Fargo Card Identity System. Ask your authorized Fargo integrator about:

FARGO SECURE

- Software
- Materials
- Extended Warranties
- On-call Express
- Visual Security™ Solutions

FARGO®

The World's Most Secure Card Identity Systems

Specifications

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*, 700 prints • Full-color with resin black, YMCK*, 500 prints • Full-color with two resin black panels, YMCKK*, 400 prints • Full-color with resin black and heat seal panel for difficult-to-print surfaces, YMCKH*, 400 prints All HDP ribbons utilize Fargo's exclusive RibbonTraq™ system for maximum print quality, performance, reliability and ease of use.
HDP Film Options:	• Clear (1,250 prints) • Standard Holographic • Custom Holographic, special order
Overlaminate Options:	• Thermal Transfer Overlaminate, .25 mil thick • PolyGuard Overlaminate, 1.0 mil and .6 mil thick All overlaminates available in clear, holographic globe design or custom holographic design. PolyGuard available in a CR-80 patch size.
Print Speed:	• 44 seconds per card / 82 cards per hour (YMC with transfer)* • 54 seconds per card / 66 cards per hour (YMCK with transfer)* • 79 seconds per card / 45 cards per hour (YMCKK with transfer)* • 55 seconds per card / 65 cards per hour (YMCK/lamination)* • 80 seconds per card / 45 cards per hour (YMCKK/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 .070" (70 mil) / .762mm to 1.778mm Print/Lamination: .030" (30 mil) to .040" (40 mil) / .762mm to 1.02mm
Accepted Card Types:	ABS, PVC, PET, PETG, proximity, smart and mag stripe cards, optical memory cards
Input Hopper Card Capacity:	200 cards (.030" / .762mm)
Output Hopper Card Capacity:	100 cards (.030" / .762mm)
Memory:	8MB RAM
Display:	User-friendly, SmartScreen LCD Control Panel; LED Display on Card Lamination Module
Software Drivers:	Windows® 2000/XP
Encoding Options:	• ISO Magnetic Stripe Encoding Module, dual high- and low-coercivity, Tracks 1, 2, and 3 • JIS II Magnetic Stripe Encoding Module • E-Card Docking Station (required for all e-card options or 3rd party smart card encoding) • 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 • Prox Card Encoder (HID read-only)
Interface:	USB 1.1 (Optional Centronics Parallel, IEEE 1284 compliant)
Operating Temperature:	65° to 80° F / 18° to 27° C
Humidity:	20-80% non-condensing
Dimensions:	Printer: 13"H x 22.5"W x 10.75"D / 330mmH x 570mmW x 275mmD Printer + Lam: 13"H x 35"W x 10.75"D / 330mmH x 890mmW x 275mmD Lam Module: 10"H x 12.5"W x 10.25"D / 255mmH x 318mmW x 260mmD
Weight:	HDP600: 39 lbs. / 17.7 kg HDP600 + Lam: 58 lbs. / 26.4 kg Lam Module: 19 lbs. / 8.7 kg
Agency Listings:	Safety: UL 60950, CSA C2.2 No. 60950, CB report (EN 60950), CE mark Emissions: FCC Part15 Class B, EN 55022: 1998 Class B, CRC c1374, ITS EMC mark, EN 61000-3-2: 2000, EN 61000-3-2: 1995, EN 55024: 1998, CE mark
Supply Voltage:	100-240 VAC, 4.25A
Supply Frequency:	50 Hz / 60 Hz
Warranty:	Printer – One year; optional Extended Warranty Program (U.S. only) Printhead – Lifetime; unlimited pass with Fargo Certified Cards
Fargo Certified Supplies:	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 Certified Supplies. Fargo warranties are void, where not prohibited by law, when non-Fargo Certified Supplies are used.
Options:	• Printer Cleaning Kit • External Print Server (Windows only; parallel port only; required for stand-alone networking of printer/encoders) • Card Lamination Module • Card Encoding Module

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