

# HDP600

HIGH DEFINITION CARD PRINTER/ENCODER

## High-Security Cards Demand High Definition Printing!



GOVERNMENT

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

- 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



CORPORATE

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.



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

<b>Print Method:</b>	HDP Dye-Sublimation / Resin Thermal Transfer	
<b>Resolution:</b>	300 dpi (11.8 dots/mm)	
<b>Colors:</b>	Up to 16.7 million / 256 shades per pixel	
<b>Print Ribbon Options:</b>	<ul style="list-style-type: none"> <li>• Full-color, YMC*, 700 prints</li> <li>• Full-color with resin black, YMCK*, 500 prints</li> <li>• Full-color with two resin black panels, YMCKK*, 400 prints</li> <li>• Full-color with resin black and heat seal panel for difficult-to-print surfaces, YMCKH*, 400 prints</li> </ul> All HDP ribbons utilize Fargo's exclusive RibbonTraq™ system for maximum print quality, performance, reliability and ease of use.	
<b>HDP Film Options:</b>	<ul style="list-style-type: none"> <li>• Clear (1,250 prints)</li> <li>• Standard Holographic</li> <li>• Custom Holographic, special order</li> </ul>	
<b>Overlamine Options:</b>	<ul style="list-style-type: none"> <li>• Thermal Transfer Overlamine, .25 mil thick</li> <li>• PolyGuard Overlamine, 1.0 mil and .6 mil thick</li> </ul> All overlaminates available in clear, holographic globe design or custom holographic design. PolyGuard available in a CR-80 patch size.	
<b>Print Speed:</b>	<ul style="list-style-type: none"> <li>• 44 seconds per card / 82 cards per hour (YMC with transfer)*</li> <li>• 54 seconds per card / 66 cards per hour (YMCK with transfer)*</li> <li>• 79 seconds per card / 45 cards per hour (YMCKK with transfer)*</li> <li>• 55 seconds per card / 65 cards per hour (YMCK/lamination)*</li> <li>• 80 seconds per card / 45 cards per hour (YMCKK/lamination)*</li> </ul>	
<b>Accepted Standard Card Sizes:</b>	CR-80 (3.375"L x 2.125"W / 85.6mmL x 54mmW)	
<b>Print Area:</b>	Over-the-edge on CR-80 cards	
<b>Accepted Card Thickness:</b>	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	
<b>Accepted Card Types:</b>	ABS, PVC, PET, PETG, proximity, smart and mag stripe cards, optical memory cards	
<b>Input Hopper Card Capacity:</b>	200 cards (.030" / .762mm)	
<b>Output Hopper Card Capacity:</b>	100 cards (.030" / .762mm)	
<b>Memory:</b>	8MB RAM	
<b>Display:</b>	User-friendly, SmartScreen LCD Control Panel; LED Display on Card Lamination Module	
<b>Software Drivers:</b>	Windows® 2000/XP	
<b>Encoding Options:</b>	<ul style="list-style-type: none"> <li>• ISO Magnetic Stripe Encoding Module, dual high- and low-coercivity, Tracks 1, 2, and 3</li> <li>• JIS II Magnetic Stripe Encoding Module</li> <li>• E-Card Docking Station (required for all e-card options or 3rd party smart card encoding)</li> <li>• Contactless Smart Card Encoder (HID iCLASS and MIFARE)</li> <li>• 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</li> <li>• Prox Card Encoder (HID read-only)</li> </ul>	
<b>Interface:</b>	USB 1.1 (Optional Centronics Parallel, IEEE 1284 compliant)	
<b>Operating Temperature:</b>	65° to 80° F / 18° to 27° C	
<b>Humidity:</b>	20-80% non-condensing	
<b>Dimensions:</b>	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	
<b>Weight:</b>	HDP600: 39 lbs. / 17.7 kg HDP600 + Lam: 58 lbs. / 26.4 kg Lam Module: 19 lbs. / 8.7 kg	
<b>Agency Listings:</b>	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	
<b>Supply Voltage:</b>	100-240 VAC, 4.25A	
<b>Supply Frequency:</b>	50 Hz / 60 Hz	
<b>Warranty:</b>	Printer – One year; optional Extended Warranty Program (U.S. only) Printhead – Lifetime; unlimited pass with Fargo Certified Cards	
<b>Fargo Certified Supplies:</b>	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.	
<b>Options:</b>	<ul style="list-style-type: none"> <li>• Printer Cleaning Kit</li> <li>• External Print Server (Windows only; parallel port only; required for stand-alone networking of printer/encoders)</li> <li>• Card Lamination Module</li> <li>• Card Encoding Module</li> </ul>	

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

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