

HDP600 CR100 HIGH DEFINITION PRINTER/ENCODER

ENHANCE YOUR EVENT SECURITY WITH THE VISUAL IMPACT OF OVERSIZED PHOTO ID BADGES.

Stand out from the crowd.

Professional sports. Concerts. Awards ceremonies. Political conventions. Big events with big crowds in big places add up to huge challenges for security professionals. They work hard to keep VIPs, athletes and artists separated (and safe) from eager fans. But how can you tell at a glance who's authorized for a specific area, and who isn't?

That's the advantage of oversized photo ID badges printed by the Fargo HDP600 CR100 High Definition Card Printer/Encoder. Oversized photo IDs let you visually scan a crowd and see immediately who has proper credentials and access rights. Bigger photos and graphics help busy event security personnel work more efficiently. And oversized IDs have room for security features that make them easy to authenticate and tough to counterfeit.

Badges you can't miss.

Now you can eliminate the expense and hassle of pre-printing ID badges with color-coded borders and other security features. The HDP600 CR100 prints sharp, colorful photos and graphics over-the-edge of standard CR-100 cards. It uses Fargo's patented High Definition Printing™ (HDP®) tech-

nology to print on the underside of a film that adheres to the card. By sandwiching the image between card and film, your oversized ID badges become more durable and tamper-evident. If someone tries to alter a badge by peeling apart its layers, the printed image is destroyed.

The HDP600 CR100 can also print on both sides of a badge in one pass. Even with a big color photo on the front, there's plenty of space on the back for black-and-white text, bar codes and digital signatures. Dual-sided printing is an important security feature too, since counterfeiters don't often get a good look at both sides of an authentic card.

Depend on a proven performer.

Durability is a key quality of the HDP600 CR100 printer/encoder. The HDP platform has proven itself in thousands of high-demand, high-security event, government and corporate installations around the world. In the office, service bureau or at an event site, the HDP600 CR100 is up to the task of high-volume badge printing.



Bigger is better — and more secure. A CR-100 card is 42% larger than a standard CR-80 card. It makes a great oversized photo ID badge that's easier to see from a distance and too big to hide in a wallet. Add a custom holographic overlamine for maximum security.





Add layers of security with holographic overlaminates.

Big events are an attractive target for ID badge counterfeiters. But with its optional lamination module, the HDP600 CR100 can add a holographic overlaminate to your badges for maximum protection from forgery, tampering and routine wear and tear. An overlaminate can make your event badges more durable, which can reduce costly rebadging.

And secure holographic images pose an extra deterrent to counterfeiters. The HDP600 CR100 can print and laminate a badge in one pass in just 93 seconds — essential speed when you have hundreds of people to badge.

Contact an authorized Fargo integrator today about the Fargo HDP600 CR100 High Definition Card Printer/Encoder.



- 1 Protect ID badges from forgery with a holographic overlaminate and optional card lamination module.
- 2 Maintain quality by automatically routing defective badges into the Reject Card Hopper (available only with the lamination module).
- 3 Reduce potential security errors by printing and mag-stripe encoding ID badges in a single pass.
- 4 Avoid production errors by reading printer and materials status on the user-friendly SmartScreen™ LCD.
- 5 Eliminate the expense of preprinted ID badges by printing borders and graphics over the edge of CR-100 cards.
- 6 Save time during badge printing with color-coded, easy-to-install printer ribbons.
- 7 Improve quality and reduce waste with tape-based Card Cleaning System that removes dust and debris from cards before printing.
- 8 Maximize your hardware investment with optional Ethernet connectivity.

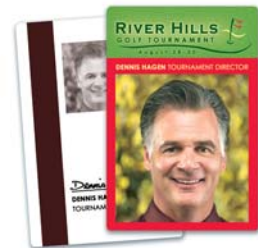
Specifications Overview (complete HDP600 CR100 specs available at www.fargo.com/CR100)

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 Speed:**	<ul style="list-style-type: none"> • 85 seconds per card / 42 cards per hour (YMCKK with transfer)* • 93 seconds per card / 38 cards per hour (YMCKK/lamination) 	
Accepted Standard Card Sizes:	CR-100 (3.88"L x 2.63"W / 98.5mmL x 67mmW)	
Input Hopper Card Capacity:	100 cards (.030" / .762mm)	
Output Hopper Card Capacity:	100 cards (.030" / .762mm)	
Print Area:	Over-the-edge	
Options:	<ul style="list-style-type: none"> • Printer Cleaning Kit • External Print Server (Windows only; parallel port only; required for stand-alone networking of printer/encoders) 	<ul style="list-style-type: none"> • Card Lamination Module • Ethernet with internal print server • ISO Magnetic Stripe Encoding Module (available soon)

*Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black
 **Print speed indicates an approximate batch print speed and is measured from the time a card feeds into the printer to the time it ejects from the printer. 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.



An extra layer of deterrence. A holographic overlaminate adds a layer of security that's tough to counterfeit. Holographic images also make it easier for security personnel to spot authentic badges. Choose from either a custom holographic image (top left) using your own graphic, or a standard holographic globe image (bottom left).



Events



Airports



Government

Contact an authorized Fargo integrator today to learn more about a secure card identity system that includes:

- HDP600 CR100 Card Printer/Encoder
- Holographic Overlaminates
- Ethernet Connectivity

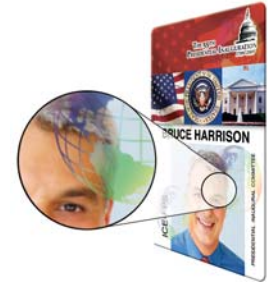


Specifications Overview

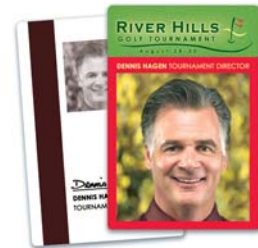
Print Method:	HDP Dye-Sublimation / Resin Thermal Transfer		
Resolution:	300 dpi (11.8 dots/mm)		
Colors:	Up to 16.7 million / 256 shades per pixel		
Print Ribbon Options:	<ul style="list-style-type: none"> • Full-color with two resin black panels, YMCKK*, 400 prints All HDP ribbons utilize Fargo's exclusive RibbonTraq™ system for maximum print quality, performance, reliability and ease of use.		
HDP Film Options:	<ul style="list-style-type: none"> • Clear (1,250 prints) 		
Overlamine Options:	<ul style="list-style-type: none"> • PolyGuard™ Overlamine, 1.0 mil and .6 mil thick All overlaminates available in clear or custom or standard holographic design.		
Print Speed:**	<ul style="list-style-type: none"> • 85 seconds per card / 42 cards per hour (YMCKK with transfer)* • 93 seconds per card / 38 cards per hour (YMCKK/lamination)* 		
Accepted Standard Card Sizes:	CR-100 (3.88"L x 2.63"W / 98.5mmL x 67mmW)		
Print Area:	Over-the-edge		
Accepted Card Thickness:	.030" (30 mil) only		
Accepted Card Types:	ABS, PVC, PET, PETG, and mag stripe cards		
Input Hopper Card Capacity:	100 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/2003		
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 CR100: 39 lbs. / 17.7 kg HDP600 CR100 + 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, 3.3A		
Supply Frequency:	50 Hz / 60 Hz		
Warranty:	Printer – One year; optional Extended Warranty Program (U.S. only) Printhead – Lifetime; unlimited pass with Fargo UltraCard™ Cards		
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 Fargo Secure Materials. Fargo warranties are void, where not prohibited by law, when non-Fargo Secure Materials are used.		
Encoding Options:	ISO Magnetic Stripe Encoding Module, dual high- and low-coercivity, Tracks 1, 2, and 3 (available soon)		
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