

CARD PRINTING AND ENCODING



FARGO® DTC1000M Monochrome



DIRECT-TO-CARD MONOCHROME PRINTER

- **Affordable** – economical and reliable ID issuance
- **Convenient operation** – plug-and-play; minimal maintenance required
- **Efficient** – simple all-in-one card personalization with optional magnetic stripe encoding

The FARGO® DTC1000M Monochrome printer delivers the ultimate simplicity in card personalization. The affordable printer is easy to use, virtually maintenance-free and economical to operate.

The DTC1000M is the cost-effective, low- to moderate-volume card issuance solution for organizations such as casinos, financial services firms, small businesses and retailers. An eco-friendly erase-and-rewrite option also makes the printer ideal for visitor badges and temporary worker ID applications.

The DTC1000M prints a single color, edge-to-edge image on one side of a standard CR-80 or CR-79 identification card. The resin thermal transfer process assures clear reproduction of photo images, bar codes and alphanumeric data.

Connect quickly via USB or optional Ethernet port and begin creating ID badges within seconds. With the built-in Swift ID™ application, you can start printing without having to install any

additional software. Receive instant system status cues through color-coded buttons during your printing operation.

Ribbon options include standard or premium black, or your choice of green, blue, red, white, silver or gold.

Print ribbon and card-cleaning roller installation is a snap with the cartridge-based design. A standard refillable cartridge for black resin ribbons decreases waste and reduces cost in the most common resin printing applications.

For magnetic stripe cards, an optional module enables inline, one-step encoding and card printing.

The FARGO DTC1000M Monochrome printer is built to the quality and reliability standards of every Genuine HID™ product. It is fully interoperable with other HID Global products and solutions, as well as most third party systems, enabling organizations to leverage their existing technology investments.

TECHNOLOGY HIGHLIGHTS

- Simple one-color, single-side, edge-to-edge printing
- Eco-friendly refillable ribbon cartridge reduces cost and waste
- Print to standard CR-80 and CR-79 cards, from 9 mil to 40 mil thick
- Optional resin-erase and rewrite capability for visitor badges and temporary workers
- Optional magnetic stripe encoding

APPLICATIONS

- Bank and financial services payment cards
- Casino employee and member ID
- Employee and temporary badges for small- to medium-sized businesses
- Retail loyalty program member ID and payment cards

SPECIFICATIONS

Model Name	DTC1000 Monochrome
Print Method	Resin thermal transfer
Resolution	300 dpi (11.8 dots/mm)
Colors	Monochrome: black, green, blue, red, white, silver or gold
Print Ribbon Options	<p>Provided as Refill Ribbon for Cartridge in Printer:</p> <ul style="list-style-type: none"> • Resin black (standard and premium): 1,000 prints <p>Provided in Disposable Ribbon Cartridge:</p> <ul style="list-style-type: none"> • Resin black and overlay panel, KO*: 500 prints • Resin green, blue, red, white, silver or gold: 1000 prints • Rewrite technology - No ribbon is required • Standard resin black refillable ribbon cartridge (included)
Print Speed**	7 seconds per card (K*); 12 seconds per card (KO*)
Accepted Standard Card Sizes	CR-80, 3.375 in. L x 2.125 in W (85.6 mm L x 54 mm W); CR-79 adhesive back, 3.313 in L x 2.063 in W (84.1 mm L x 52.4 mm W)
Print Area	CR-80 edge-to-edge, 3.36 in L x 2.11 in W (85.3 mm L x 53.7 mm W); CR-79, 3.3 in L x 2.04 in W (83.8 mm L x 51.8 mm W)
Accepted Card Thickness	0.009 in to 0.040 in (0.229 mm to 1.016 mm)
Accepted Card Types	PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish
Input Hopper Card Capacity	100 cards at 0.030 in (0.762 mm)
Output Hopper Card Capacity	Up to 30 cards at 0.030 in (0.762 mm)
Card Cleaning	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Memory	32 MB RAM
Software Drivers	Windows® XP and Vista® (32 bit & 64 bit); Server 2003 & 2008; Windows 7 (32 bit & 64 bit). MAC: OS X 10.5 & 10.6. Linux***
Interface	USB 2.0, optional Ethernet with internal print server
Operating Temperature	65° to 80° F / 18° to 27° C
Humidity	20% to 80% non-condensing
Dimensions	8.8 in H x 13.7 in W x 7.9 in D (224 mm H x 348 mm W x 201 mm D)
Weight	7.5 lbs (3.4 Kg)
Agency Listings	Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC
ENERGY STAR® / Green	ENERGY STAR qualified printer and refillable supply cartridges
Supply Voltage	100-240 VAC, 3.3 A
Supply Frequency	50 Hz / 60 Hz
Warranty	Printer - 2 years; Printhead - 2 years, unlimited pass with UltraCard®
Encoding Options	ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3
Options	Ethernet with Internal Print Server; Printer Cleaning Kit; Secure Proprietary Consumables System
Software	Swift ID™, Embedded Badging Application FARGO Workbench Diagnostic Utility
Display	Color changing status buttons

* Indicates the ribbon type and the number of ribbon panels printed where K=Resin Black and O=Overlay.

** 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.

***Linux versions: Ubuntu 8.04/9.04, Red Hat 5, Fedora 7/8/9/10/11, Open Suse 10.3, Debian 5.03/5.04, Mandiva one 2009



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