CARD PRINTING & ENCODING

FARGO® DTC1000

DIRECT-TO-CARD PRINTER

- **High Quality Output** – Simple, reliable and affordable photo ID card personalization, delivering a new level of durable, great-looking credentials
- **Simply Plug-and-Play** – The intuitive user-focused design allows for easy setup, loading and operation for increased efficiency
- **Convenient and Affordable** – Create ID cards right out of the box with its plug-and-play Swift ID™ embedded badging application

Take advantage of the built-in and optional features that suit your business:

- Dual-sided printing option provides more space for company or cardholder information and security features.
- Network your printer in seconds with optional Ethernet connectivity to access remotely and in networked card printing environments.
- The DTC1000 enables migration to contact and contactless smart cards (including HID iCLASS® technology) or simple magstripe and prox cards with optional technology card encoders.
- Erase and rewrite eco-friendly feature makes the DTC1000 ideal for temporary ID cards, such as visitor badges.
- Prints on a variety of card thicknesses for simple loyalty cards to more sophisticated access control badges right out of the box, as thin as 9 mil up to 40 mil.

Designed for small to medium businesses, the DTC1000 provides maximum efficiency in a sleek user-friendly design. This printer is virtually maintenance-free and prints full-color plastic ID and technology cards on a budget.

The DTC1000 adds a level of convenience to easily print what you need, including:

- Easy, all-in-one print ribbon and card cleaning cartridge simplifies the ribbon loading process.
- Built-in Swift ID™ badging application software enables you to create ID badges in seconds without having to install any additional software.
- Edge-to-edge printing in full-color or simple black and white.
- Economical half-panel ribbons to personalize pre-printed cards with a photo and bar code.
- Its intuitive design providing instant system status through color changing buttons.
- Industry's first inline card printing and technology card encoding with one connection using USB or optional Ethernet connectivity.

The FARGO® DTC1000 is built with Genuine HID™ technology and is fully interoperable with other products in the HID ecosystem, enabling organizations to leverage their existing HID technology investments.

SPECIFICATIONS

Print Method	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	▪ Full-color with resin black and overlay panel, YMCKO*, 250 prints ▪ Full-color half-panel with resin black and overlay panel, YMCKO*, 350 prints ▪ Full-color with two resin black panels and overlay panel, YMCKOK*, 200 prints ▪ Resin black and overlay panel, KO*, 500 prints ▪ Dye-sublimation black and overlay panel, BO*, 500 prints ▪ Resin black (standard and premium), 1000 prints ▪ Resin green, blue, red, white, silver and gold, 1000 prints ▪ Rewrite technology - No ribbon is required
Print Speed**	7 seconds per card (K*); 12 seconds per card (KO*); 24 seconds per card (YMCKO*); 31 seconds per card (YMCKOK*)
Accepted Standard Card Sizes	CR-80 (3.375″L x 2.125″W / 85.6mmL x 54mmW); CR-79 Adhesive Back (3.313″L x 2.063″W / 84.1 mm L x 52.4 mm W)
Print Area	CR-80 edge-to-edge (3.36″L x 2.11″W / 85.3 mm L x 53.7 mm W); CR-79 (3.3″L x 2.04″W / 83.8 mm L x 51.8 mm W)
Accepted Card Thickness	.009″ - .040″ / 9 mil - 40 mil / .229mm - 1.016mm
Accepted Card Types	PVC or polyester cards with polished PVC finish; monochrome resin required for100% polyester cards; optical memory cards with PVC finish; rewrite
Input Hopper Card Capacity	100 cards (.030″ / .762 mm)
Output Hopper Card Capacity	Up to 30 cards (.030″ / .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 / Vista™ (32 bit & 64 bit) / Server 2003 & 2008/ Windows® 7 / 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	20–80% non-condensing
Dimensions	Single-Sided Printer: 8.8″H x 13.7″W x 7.9″D / 224 mm H x 348 mm W x 201 mm D Dual-Sided Printer: 9.8″H x 18.7″W x 9.2″D / 249 mm H x 475 mm W x 234 mm D
Weight	Single-Sided: 7.5 lbs / 3.4 Kg; Dual-Sided: 10 lbs / 4.54 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
Supply Voltage	100-240 VAC, 3.3 A
Supply Frequency	50 Hz / 60 Hz
Warranty	Printer – Two years; Printhead – Two years, unlimited pass with UltraCard™
Encoding Options	125 kHz (HID Prox) reader; 13.56 MHz (iCLASS®, MIFARE®, ISO 14443 A/B, ISO 15693) read/write encoder; 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; ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3
Options	Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS® and contact smart card encoding); Dual-Sided Printing Module; Smart Card Encoding Modules(contact/ contactless); Magnetic Stripe Encoding Module; Printer Cleaning Kit; Ethernet with Internal Print Server
Software	Swift ID™ Embedded Badging Application, FARGO Workbench Diagnosis Utility
Display	Color changing status buttons
Printer Security	Kensington® lock compatibility

* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, O=Overlay, B=Dye Sublimation Black.

** 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.

***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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