



DTC400 DIRECT-TO-CARD PRINTER/ENCODER

THE UNBELIEVABLY EASY AND SECURE WAY TO PRINT AND ENCODE PLASTIC ID CARDS.

Making your organization more secure just got easier.

The DTC400 Card Printer/Encoder is designed to make issuing ID cards easier and more secure, which adds to the security of your entire organization. The DTC400 is simple to operate, virtually maintenance-free and can be field-upgraded as your needs expand. When you combine the DTC400 with the optional Print Security Suite™ software, Visual Security™ cards and Fargo's exclusive SecureMark™ Technology, you get the most secure ID card issuance solution in its class.

The DTC400 uses Fargo's Direct-to-Card (DTC®) Technology to print sharp, colorful photos and graphics as well as bar codes and digitized signatures. It's an excellent choice for small- to mid-sized corporations, K-12 schools, public safety departments and local and state government agencies and facilities.

Never hassle with ribbons or card cleaning again.

Anyone who's ever operated an ID card printer knows the drill: hard-to-load ribbons, separate card cleaning mechanisms and confusing indicator

lights. The DTC400 eliminates these hassles with simplified materials handling and a user-friendly interface. Our SmartLoad™ Ribbon Cartridge combines the printer ribbon and SmartClean™ card cleaning roller into one disposable cartridge. Just slide it into the DTC400 and you're done. The LCD control panel replaces blinking indicator lights, giving you easy-to-follow prompts and commands so you'll always know the status of your DTC400.

Easily adapts to changing security needs.

Organizations these days are constantly evaluating and improving their security measures. It's difficult to know what type of card functionality you might need in the future. Fargo lets you add encoding and dual-sided printing modules to your DTC400 as your security needs change. Order the model that's right for you today (with mag stripe encoding only, for example). Then rest easy, knowing that you can add a prox card reader, smart card encoder or dual-sided printing module to it tomorrow.



The Fargo DTC400 Card Printer/Encoder is designed for easy operation and hassle-free maintenance. The SmartLoad Ribbon Cartridge combines a printer ribbon and card cleaning roller into one disposable unit. Just slide in the cartridge, close the door, and you're done. No feeding or tearing ribbon rolls, no fumbling with separate cleaning rollers.

FARGO®

The World's Most Secure
Card Identity Systems



Options for protecting the entire issuance process and ID card authenticity

Your ID cards are only as secure as the system that issues them. The DTC400 offers several easy-to-use options that greatly improve the security of your ID cards and issuance process: **Print Security Suite** is a set of five essential applications that help control the issuance, and ensure the authenticity, of your photo ID cards. Fargo **HoloMark™** and

VeriMark™ Cards pose tough challenges to would-be counterfeiters. And Fargo's **SecureMark Technology** reduces vulnerabilities in your card identity system such as stolen printers or ribbons.

Contact an authorized Fargo integrator about the Fargo DTC400 Card Printer/Encoder today.

PROTECTED BY
SECUREMARK™
TECHNOLOGY



Print Security Software helps you control the issuance, and ensure the authenticity, of the ID cards produced on your DTC400. In stand-alone and networked card issuance situations, **Print Security Software** provides essential protection features, such as:



Printer Access
No password, no access. Also disables a stolen printer.



Security Imaging
Covert graphics add a layer of card security and help track the origin of fraudulent cards.



Print Notification
Unauthorized printing, even with a valid password, can trigger an e-mail or text alert.



Printer Diagnostics
Quickly assess and fix printer/encoder issues.



Materials e-Ordering
Alerts when printer materials run low and opens a secure link for re-ordering.



- 1 **Make ID cards more informative by printing larger photos on the front and more text on the back with the optional dual-sided printing module.**
- 2 **Add functionality to your ID cards — such as building and parking access, PC login, vending and more — with options for mag stripe, prox and smart cards.**
- 3 **Simplify operator training and eliminate the expense and downtime of torn ribbons with the SmartLoad Ribbon Cartridge.**

- 4 **Reduce maintenance and maintain print quality with the integrated self-cleaning SmartClean Roller.**
- 5 **Reduce downtime, operator errors and training costs by constantly knowing printer status through the SmartScreen LCD Control Panel.**
- 6 **Reduce vulnerabilities such as unauthorized access or stolen printers with the SecureMark Technology that's built into every DTC400.**

Specifications Overview (complete DTC400 specs available at www.fargo.com/products/dtc400-specs.asp)

Print Method:	Dye-Sublimation / Resin Thermal Transfer
Resolution:	300 dpi (11.8 dots/mm)
Colors:	Up to 16.7 million / 256 shades
Print Speed:**	<ul style="list-style-type: none"> • 7 seconds per card (K)* • 12 seconds per card (KO)* <ul style="list-style-type: none"> • 27 seconds per card (YMCKO)* • 35 seconds per card (YMCKOK)*
Accepted Card Thickness:	20 mil to 30 mil (.020" / .030" / .51mm to .76mm)
Software Drivers:	Windows® 98SE/Me/2000/XP/Server 2003
Input Hopper Card Capacity:	100 cards (.030" / .762mm)
Output Hopper Card Capacity:	Up to 30 cards (.030" / .762mm)
Print Area:	CR-80 edge-to-edge (3.36"L x 2.11"W / 85.3mmL x 53.7mmW) CR-79 (3.3"L x 2.04"W / 83.8mmL x 51.8mmW)
Options:	<ul style="list-style-type: none"> • Dual-sided Printing Module - Field-upgradeable • Magnetic Stripe Encoding Module - Field-upgradeable • E-card Encoding Modules - Field-upgradeable • Printer Cleaning Kit • Ethernet Networking with internal print server • 100-card Output Hopper with or without Reject Tray



The Fargo DTC400 Card Printer/Encoder has been tested to ensure that it meets Microsoft® standards for Windows® compatibility. Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

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

- **DTC400 Card Printer/Encoder**
- **Holographic Foil Cards**
- **Print Security Suite Software**
- **SecureMark Technology**



*Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, F=Fluorescing
**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.

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Specifications Overview

Print Method:	Dye-Sublimation / Resin Thermal Transfer
Resolution:	300 dpi (11.8 dots/mm)
Colors:	Up to 16.7 million / 256 shades
Print Ribbon Options:	<ul style="list-style-type: none"> • Full-color with resin black and overlay panel, YMCKO*, 250 prints • Full-color with two resin black panels and overlay panel, YMCKOK*, 200 prints • Dye-sublimation black and overlay panel, BO*, 500 prints • Resin black and overlay panel, KO, 500 prints • Resin black, 1,000 prints; green, blue, red, white, 1,000 prints; silver and gold, 500 prints
Available only with Print Security Package:	<ul style="list-style-type: none"> • Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 200 prints
Print Speed:**	<ul style="list-style-type: none"> • 7 seconds per card (K)* • 12 seconds per card (KO)* • 27 seconds per card (YMCKO)* • 35 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 / 84.1mmL x 52.4mmW)
Print Area:	CR-80 edge-to-edge (3.36"L x 2.11"W / 85.3mmL x 53.7mmW) CR-79 (3.3"L x 2.04"W / 83.8mmL x 51.8mmW)
Accepted Card Thickness:	20 mil to 30 mil (.020" to .030" / .51mm to .76mm)
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 each (.030" / .762mm)
Output Hopper Card Capacity:	Up to 30 cards (.030" / .762mm)
Card Cleaning:	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each new ribbon used
Memory:	2MB RAM
Display:	Easy-to-read, backlit LCD Control Panel
Software Drivers:	Windows® 98SE/Me/2000/XP/Server 2003
Interface:	USB 1.1 (USB 2.0 compatible); optional 10/100 Ethernet with internal print server
Operating Temperature:	65° to 80° F / 18° to 27° C
Humidity:	20-80% non-condensing
Dimensions:	7.9"H x 13.62"W x 8.14"D / 201mmH x 346mmW x 207mmD (single-sided printer) 7.9"H x 18.28"W x 8.14"D / 201mmH x 464mmW x 207mmD (with dual-sided and/or e-card encoding module)
Weight:	Single-Sided: 8 lbs. / 3.63 kg Dual-Sided: 11.55 lbs. / 5.22 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)
Supply Voltage:	100-240 VAC, 3.3A
Supply Frequency:	50 Hz / 60 Hz
Warranty:	Printer: One year (including On-Call Express in the U.S.); optional Extended Warranty Program (U.S. only) Printhead: One year, unlimited pass with 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:	<ul style="list-style-type: none"> • ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2, and 3 • Contact Smart Card Docking Station • Contactless Smart Card Encoder (HID® iCLASS™, MIFARE® and MIFARE DESFire) • 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)
Additional Options:	<ul style="list-style-type: none"> • Dual-sided Printing Module - Field-upgradeable • Magnetic Stripe Encoding Module - Field-upgradeable • E-card Encoding Modules - Field-upgradeable • Printer Cleaning Kit • Ethernet Networking with internal print server • 100-card Output Hopper with or without Reject Tray

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The Fargo DTC400 Card Printer/Encoder is the ideal choice for mid-sized corporate, K-12 education and local/state government. To learn more, contact an authorized Fargo integrator today.

FARGO SECURE

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

- *Print Security Suite™*
- *Visual Security™ Solutions*
- *Fargo Secure Software*
- *Fargo Secure Materials*
- *Extended Warranties*
- *On-Call Express*