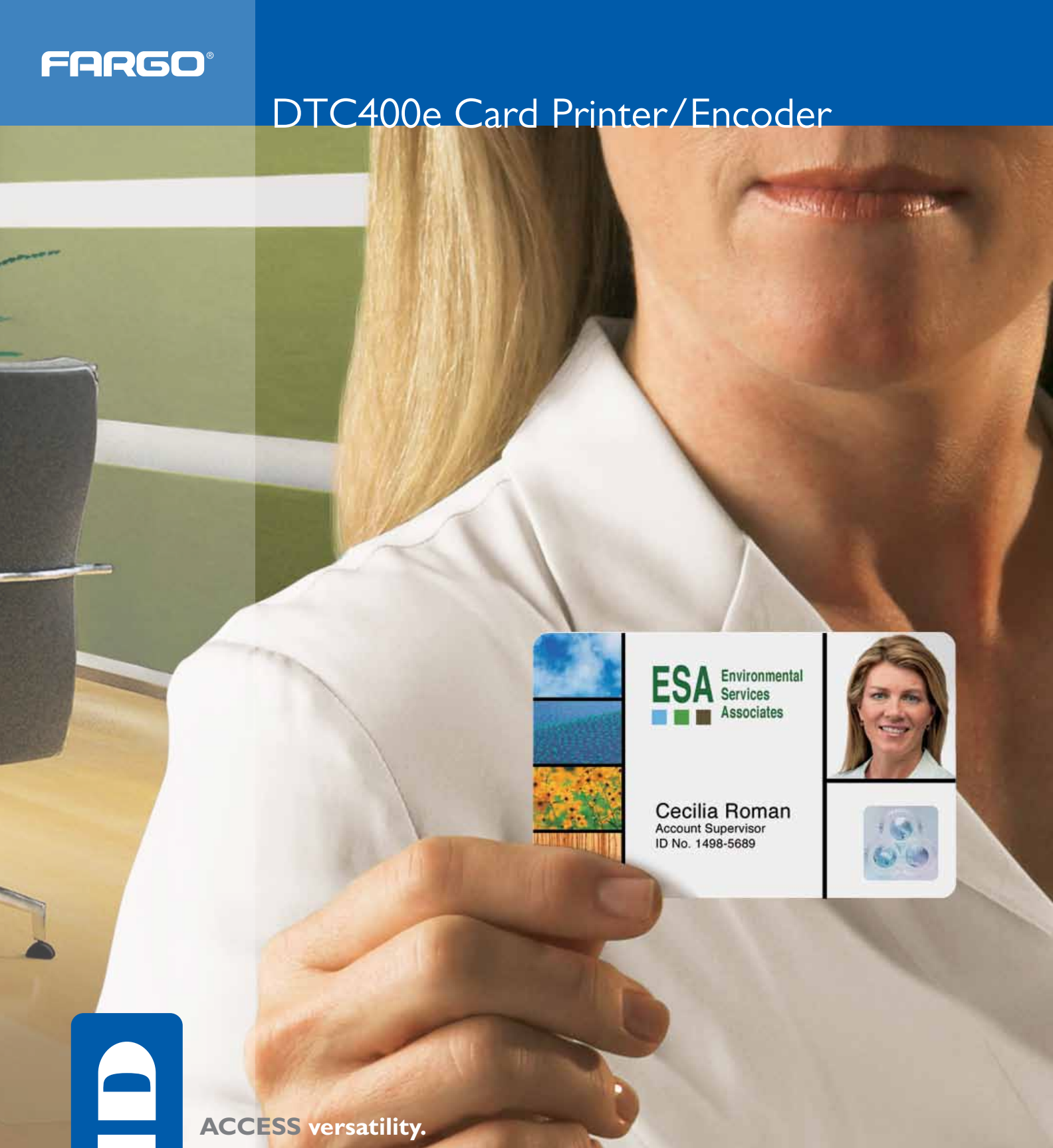


DTC400e Card Printer/Encoder



ACCESS versatility.

DTC400e Card Printer/Encoder



The easy, flexible way to print and encode photo ID and access control cards.

The Fargo DTC400e is designed to give your organization exactly what it needs: a professional, modular card printing system that's versatile and easy to use. It produces colorful, durable photo ID cards with options for encoding smart card technology for increased functionality. All of that, from a printer that's simple to operate, virtually maintenance-free and adaptable – it can be field-upgraded as your needs expand.

It's an excellent choice for small- to mid-sized businesses, K-12 schools, public safety departments, regional government agencies, local government facilities such as libraries and parks, recreation passes, membership and loyalty clubs, events and more. The compact DTC400e makes it a great choice for organizations with multiple locations or on-site card printing needs.

Never hassle with ribbons or card cleaning again.

Anyone who's ever operated an ID card printer knows the frustration: hard-to-load ribbons, separate card cleaning mechanisms and confusing indicator lights. The DTC400e eliminates these hassles with simplified

materials handling and a user-friendly interface. An all-in-one ribbon cartridge combines the printer ribbon and card cleaning roller into one cartridge. Just slide it into the DTC400e 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 DTC400e.

Easily adapts to changing ID card needs.

By using different card technologies, card types and ribbons, the Fargo DTC400e delivers a high level of flexibility. Personalize blank cards with full-color, edge-to-edge images. Print thin, flexible cards or conventional thickness smart cards on the same DTC400e. By choosing the right options, you can configure your DTC400e to match your ID card production requirements:

- **Single- or dual-sided printing:** Double the printable area of your cards by opting for dual-sided printing. You can add more company and cardholder information, and security features such as a duplicate photo and digital signature.
- **Card technology:** Make your ID cards more versatile by adding smart card and access control capabilities. Optional DTC400e modules encode



DTC400e single-sided printer

Designed for easy operation and hassle-free maintenance. The Fargo DTC400e features an all-in-one ribbon cartridge that combines a printer ribbon and card cleaning roller into one convenient 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. The integrated cartridge ensures that you'll change the cleaning roller with every ribbon change — a critical step to ensuring high-quality printing of conventional and rewritable cards.



- 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 with optional smart card, proximity and magnetic stripe encoding modules. They're available for both single- and dual-sided DTC400e printers, and can be field upgraded.
- 3 Enhanced direct-to-card printing produces cards with brighter colors that look truly photographic.
- 4 Simplify operator training and eliminate the expense of torn ribbons with the all-in-one ribbon cartridge.
- 5 Reduce operator errors and downtime by monitoring printer status through the LCD control panel.

data onto contact and contactless smart cards (such as HID iCLASS® technology), proximity access control cards and magnetic stripe cards.

• **Connectivity:** Selecting the Ethernet and internal print server option can increase the efficient use of your DTC400e by sharing it in networked card printing applications.

Produce cards both flexible and smart.

The Fargo DTC400e is versatile enough to print and encode a wide range of card types, from 9 mil thin ID cards all the way up to 40 mil cards and smart cards with embedded electronics. That means your DTC400e is ready to produce cards for your current ID and access control needs, and whatever applications you might add in the future. Thin plastic cards, for example, are gaining popularity for use in health care, mass transit systems, highway tolls, parking, membership and customer loyalty programs. Because the cards are thin, flexible and lightweight, they're easy to mail, attach to a patient's chart or slip into a wallet. And every DTC400e can produce great-looking thin cards without add-ons or modifications.

The solution for short-lived cards.

Many cards are only used for hours or days, then thrown away. The DTC400e helps eliminate the waste of short-lived cards such as visitor badges or transit passes with the

ability to erase and rewrite cards multiple times. Rewritable cards make new ID applications possible, such as: customer loyalty cards with updated point totals, library cards with current due dates, personalized IDs for volunteers, student IDs with schedule information and many more. And while rewritable printing is monochromatic, cards can be preprinted in full color so there's no compromising appearance quality. Since the printing on rewritable cards is easily changed, they should not be used for secure ID applications.

Versatility plus simplicity equals value.

Whether you need employee access cards for a mid-sized company or membership cards for a video store, the Fargo DTC400e packs a lot of value into a compact card printer/encoder. Ask your HID Global integrator to show you the simplicity, versatility and reliability of the Fargo DTC400e.



Security begins with the card. HID visual security solutions protect your photo ID and access cards from counterfeiting. Custom HoloMark™ cards (top) embed a 3D holographic design onto the card surface. Translucent foil cards (above) embed a holographic watermark just under the card surface. These and other visual security solutions make the ID cards produced by your DTC400e hard to forge or alter, yet easy to authenticate.

DTC400e Card Printer/Encoder

Specifications Overview (complete Fargo DTC400e specs available at hidglobal.com/dtc400e)

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 Speed:**	<ul style="list-style-type: none"> • 7 seconds per card (K)* • 12 seconds per card (KO)* • 27 seconds per card (YMCKO)* in batch mode • 35 seconds per card (YMCKOK)*
Print Area:	<ul style="list-style-type: none"> • 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 Standard Card Sizes:	<ul style="list-style-type: none"> • CR-80 (3.370" L x 2.125" W / 85.6 mm L x 54 mm W) • CR-79 Adhesive back (3.313" L x 2.063" W / 84.1 mm L x 52.4 mm W)
Accepted Card Thickness:	.009" – .040" / 9 mil – 40 mil / .229 mm – 1.016 mm
Input Hopper Card Capacity:	100 cards (.030" / .762 mm)
Output Hopper Card Capacity:	Up to 30 cards (.030" / .762 mm)
Software Drivers:	Windows® 2000 / XP / Server 2003; Linux***
Warranty:	<ul style="list-style-type: none"> • Printer – Two years, including free loaner printer in the first year (U.S. only) Optional extended warranty program (U.S. only) • Printhead – Two years, unlimited pass with UltraCard™ cards
Options:	<ul style="list-style-type: none"> • Smart card encoding modules, field-upgradable by technician • Magnetic stripe encoding module, field-upgradable • Dual-sided printing module, field-upgradable • Ethernet networking with internal print server (replaces USB connection) • 100-card output hopper with or without reject tray • Printer cleaning kit

* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, 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 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 7.10, Red Hat Enterprise Desktop 5, Fedora Core 7, Fedora Core 8, openSUSE 10.3, Novell SUSE 10.

Your total ID card solution

The Fargo DTC400e Card Printer/Encoder is just one component of a complete card identity system. HID Global offers ID card software, materials, cameras and accessories, plus industry-leading access control technology — everything you need for a total solution from one trusted source.



Software

The Fargo DTC400e is designed to work with Asure ID® applications and all other leading card creation and issuance management software. The DTC400e also comes with Workbench™, a software toolkit for set up, printer security, diagnostics and firmware upgrades.

Materials

Fargo ribbons, films and other materials not only ensure long-lasting, great-looking cards, they add features that increase durability and resist counterfeiting. That means fewer card replacements and lower cost per card.



Cameras and accessories

HID offers a selection of digital cameras, photo lighting equipment and backgrounds, plus card accessories such as card holders, lanyards and clips.



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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:	<ul style="list-style-type: none"> • 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 • Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 200 prints • Dye-sublimation black and overlay panel, BO*, 500 prints • Resin black, and overlay panel, KO, 500 prints • Resin black, green, blue, red, white, 1,000 prints; silver and gold, 500 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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:	.009" (9 mil) to .040" (40 mil) / .229mm to 1.016mm
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 (.030" / .762mm)
Output Hopper Card Capacity:	Up to 30 cards (.030" / .762mm)
Reject Hopper Card Capacity:	15 cards (.030" / .762mm)
Card Cleaning:	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Memory:	2MB RAM
Software Drivers:	Windows® 2000 / XP / Server 2003; Linux***
Interface:	USB 1.1 (USB 2.0 compatible), optional Ethernet with internal print server
Operating Temperature:	65° to 80° F / 18° to 27° C
Humidity:	20 – 80% non-condensing
Dimensions:	<ul style="list-style-type: none"> • Single-Sided: 7.9"H x 13.62"W x 8.14"D / 201mmH x 346mmW x 207mmD • Dual-Sided: 7.9"H x 18.28"W x 8.14"D / 201mmH x 464mmW x 207mmD
Weight:	<ul style="list-style-type: none"> • Single-Sided: 8 lbs. / 3.63 kg • Dual-Sided: 11.55 lbs. / 5.22 kg
Agency Listings:	<ul style="list-style-type: none"> • 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, 3.3 A
Supply Frequency:	50 Hz / 60 Hz
Warranty:	<ul style="list-style-type: none"> • Printer – Two years including free loaner printer in the first year (U.S. only); optional Extended Warranty • Printhead – Two years, unlimited pass with UltraCard™ Cards
Fargo 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 materials. Fargo warranties are void, where not prohibited by law, when non-Fargo 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 Reader (HID read-only)
Options:	<ul style="list-style-type: none"> • Dual-sided Printing Module – Field-upgradeable • Magnetic Stripe Encoding Module – Field-upgradeable • Smart Card Encoding Modules – Field-upgradeable by technician • Printer cleaning kit • Ethernet networking with internal print server (replaces USB connection) • 100-card output hopper with or without reject tray
Software:	Fargo Workbench Diagnostic Utility

* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, 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 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 7.10, Red Hat Enterprise Desktop 5, Fedora Core 7, Fedora Core 8, openSUSE 10.3, Novell SUSE 10.

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