# FARGO® DTC4000

Direct-to-Card Printer

▶ **Highly versatile** – Delivering powerful printing and versatility in one modular and scalable design that simplifies equipment upgrades and migrations to higher levels of security.

▶ **Flexible footprint and design** – Its sleek and changeable footprint design makes the DTC4000 ideal for office environments where space is an issue.

▶ **Easy to use** – Intuitive design increases efficiency through easy set-up, loading and printing with a SmartScreen™, user-friendly graphical display and all-in-one print ribbon and card cleaning cartridge.

▶ **Enhanced security** – Designed to migrate from lower to higher security levels, the DTC4000 offers standard printer password protection as well as fluorescent panel printing for a cost effective and dynamic increase in card security.

## HID

## ACCESS versatility.

Designed for medium-sized business, schools and local government institutions seeking versatility in a convenient, professional and secure printer/encoder system, the DTC4000 is the ideal printer for organizations who need a flexible, easy and reliable way to color personalize and encode technology cards.

The DTC4000 not only meets your current needs, it also scales to meet your future requirements with these optional field-upgradable modules:

▶ Dual-sided printing module provides more space for card holder information and security features like duplicate photo and digital-signature.

▶ Optional same-side input/output card hopper and movable SmartScreen™ display helps fit the printer into the tightest spaces.

▶ Increase capacity with a dual-input card hopper, holding 200 cards for higher capacity printing and encoding.

▶ Optional Ethernet connectivity allows for remote printer sharing by many users.

▶ Technology encoding modules encode data for magnetic stripe, proximity, contact and/or contactless technology cards, such as iCLASS®, for access control or other applications.

The DTC4000 combines a level of versatility with the simplicity to easily print what you need:

▶ SmartScreen™ graphical display provides easy-to-follow prompts to be sure you'll always know the status of the printer.

▶ Erase and rewrite eco-friendly feature makes the DTC4000 ideal for temporary ID cards.

▶ Industry's first inline card printing and technology card encoding with one connection using USB or optional Ethernet connectivity.

▶ Fully compatible with Asure ID® card personalization software for badge design, database management and technology card encoding.

The FARGO® DTC4000 is built with Genuine HID™ technology, providing the performance, value and service to protect your purchase and is fully interoperable with other products in the HID ecosystem.

**ASSA ABLOY**

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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** | • Full-color with resin black and overlay panel, YMCKO*, 250 prints<br>• Full-color half-panel with resin black and overlay panel, YMCKO*, 350 prints<br>• Full-color with two resin black panels and overlay panel, YMCKOK*, 200 prints<br>• Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 200 prints<br>• Full-color with fluorescing, two resin black panels and overlay panel, YMCFKOK*, 175 prints<br>• Resin black and overlay panel, KO*, 500 prints<br>• Dye-sublimation black and overlay panel, BO*, 500 prints<br>• Resin black (standard and premium), 1000 prints<br>• Resin green, blue, red, white, silver and gold, 1000 prints<br>• 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 / 84.1mmL 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** | .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;<br>optical memory cards with PVC finish; rewrite |
| **Input Hopper Card Capacity** | 100 cards (.030″ / .762mm) |
| **Output Hopper Card Capacity** | 100 cards (.030″ / .762mm) |
| **Reject Hopper Card Capacity** | 100 cards (.030″ / .762mm) - same-side input/output card hopper required |
| **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 (coming soon) / 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: 9.8″H x 18.1″W x 9.2″D / 249mmH x 460mmW x 234mmD<br>Dual-Sided Printer: 9.8″H x 18.7″W x 9.2″D / 249mmH x 475mmW x 234mmD |
| **Weight** | Single-Sided: 8 lbs. / 3.63 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 - Upgradable; Dual-Input Card Hopper (200 cards) - Upgradable; Same-Side Input/Output Card Hopper - Upgradable; Smart Card Encoding (contact/contactless) - Upgradable; Magnetic Stripe Encoding - Upgradable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradable |
| **Software** | Swift ID™ Embedded Badging Application, FARGO Workbench Diagnosis Utility |
| **Display** | User friendly, SmartScreen™ graphical display |
| **Printer Security** | Printer access password protected; 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.

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