



FARGO DTC4500e

The versatility of the DTC4500e is unsurpassed.

Driven by an extremely robust and reliable print engine, this high-volume printer delivers speed, power and versatility rolled into one.

High-capacity ribbons enable the DTC4500e to print twice as many full-color cards as most printers before the ribbon has to be changed, providing continuous high-quality card printing and encoding.

The DTC4500e combines high security and convenience to easily print what you need, including:

- Built-in security with password-protected printer operation and fluorescent panel printing for a cost-effective and dynamic increase in card security.
- SmartScreen™ graphical display provides easy-to-follow prompts so you'll always know printer status.
- Standard dual-input card hopper increases capacity or management of multiple card types.
- Easily integrates into existing IT infrastructures through the built-in Ethernet and USB connection, allowing for centralized or remote ID card issuance.
- FARGO Workbench™ diagnostic utility facilitates printer maintenance. Its Color Assist™ tool matches spot colors, ensuring accurate prints of graphics, such as company logos.
- Increase security with optional locking card hoppers.
- Fully compatible with Asure ID® card personalization software for badge design, database management and technology card encoding, as well as EasyLobby® Secure Visitor Management solutions.

The FARGO® DTC4500e is built with Genuine HID® technology and is fully interoperable with other products in the HID ecosystem, enabling organizations to leverage their existing technology investments.

KEY FEATURES

- **High-volume performance** – Built for organizations requiring robust, high-volume printing every day. Standard features include high-capacity ribbon supplies and dual-input card hoppers that allow for maximum card input capacity and management of multiple card types.
- **End-to-End Control, Flexibility and Security** – The optional iCLASS SE® encoder (part of the iCLASS SE open encoder platform) can be fully integrated into your printer, allowing you to create, encode (read/write) and manage your secure credentials from start-to-finish. Design personalized ID badges locally and then program them to work with your current physical access control system (PACS), streamlining your ordering, inventory management, and issuance processes.
- **Highly versatile** – The modular design enables organizations to build on their investment by adding field-upgradeable modules for dual-sided printing, lamination and technology card encoding.
- **Maximum protection** – Protect blank card stock and printed/encoded cards with optional locking card hoppers.
- **Earth friendly** – ENERGY STAR® certified for efficient energy consumption and eco-friendly (ECO) refill ribbons.

The DTC4500e offers field-upgradeable options for migration to higher levels of security in the future:

- A Wi-Fi accessory for Ethernet-enabled printers, allowing you to print anywhere
- An optional iCLASS SE® encoder that enables your printer to be compatible with the HID secure identity ecosystem.
- Card lamination for applying over laminates to produce highly-secure cards that resist forgery and increase card durability. Unique, dual-sided simultaneous lamination saves time with increased throughput.
- A dual-sided printing module that enables you to add additional company or cardholder information and security features, such as duplicate photos and digital signature.
- Technology encoding modules encode data for magnetic stripe, proximity, contact and/or contactless technology cards, such as iCLASS SE® and MIFARE which enable access control or other applications.



DTC4500e Printer Standard Features and Specifications

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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*, 500 prints, more economical and eco-friendly refill ribbon for cartridge (ECO only) • Full-color half-panel with resin black and overlay panel, YMCKO*, 850 prints, ECO only • Full-color with two resin black panels and overlay panel, YMCKOK*, 500 prints, ECO only • Full-color with fluorescing, resin black and overlay panel, YMCKFO*, 500 prints, ECO only • Full-color with fluorescing, two resin black panels and overlay panel, YMCKFOK*, 400 prints, ECO only • Full-color with two resin black panels and overlay panel, YMCKK*, 500 prints, ECO only • Resin black and overlay panel, KO*, 1250 prints, ECO only • Dye-sublimation black and overlay panel, BO*, 1250 prints, ECO only • Resin black (standard and premium), 3000 prints, ECO only • Resin green, blue, red, white, silver and gold, 2000 prints, ECO only • Rewrite technology - no ribbon required |
| Print Speed** | 6 seconds per card (K*); 8 seconds per card (KO*); 16 seconds per card (YMCKO*); 24 seconds per card (YMCKOK*) |
| Accepted Standard Card Sizes | CR-80(3.375" Lx2.125" W/85.6 mm Lx54 mm W); CR-79 Adhesive Back (3.313" Lx2.063" W/84.1 mm Lx52.4 mm W) |
| Print Area | CR-80 edge-to-edge(3.36" Lx2.11" W / 85.3 mm Lx53.7 mm W); CR-79 (3.3" Lx2.04" W / 83.8 mm L x 51.8 mm W) |
| Accepted Card Thickness | Print only: .009" - .040" / 9 mil - 40 mil / .229 mm - 1.016 mm; print / lamination: .030" - .040" / 30 mil - 40 mil / .762 mm - 1.02 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; rewrite |
| Input Hopper Card Capacity | Dual-input card hopper (200 cards) |
| Output Hopper Card Capacity | Up to 100 cards (.030" / .762 mm) |
| Reject Hopper Card Capacity | Up to 100 cards (.030" / .762 mm) - same-side input/output card hopper or lamination module 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 / Windows Vista® (32 bit & 64 bit) / Server 2003 & 2008 / Windows® 7 / Windows® 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8 / Linux*** |
| Interface | USB 2.0 and 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 / 249 mm H x 460 mm W x 234 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 Printer + lam : 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D |
| Weight | Single-sided printer: 9 lbs / 4.1 Kg; dual-sided printer: 11 lbs / 5 Kg; printer + lam: 20 lbs / 9.1 Kg |
| Agency Listings | Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KC |
| Environmental Features | All configurations without a lamination module are ENERGY STAR® qualified printers |
| Supply Voltage | 100-240Vac, 50-60Hz, 1.6 Amps max. |
| Supply Frequency | 50 Hz / 60 Hz |
| Warranty | Printer – three years; Printhead – three years, unlimited pass with UltraCard® |
| Encoding Options | Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire®, MIFARE DESFire® EV1, 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 |
| Supported Access Control Credential Programming | iCLASS® Standard/SE/SR/Seos, MIFARE Classic™, MIFARE DESFire® EV1, HID Prox |
| Options | Single wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS®, MIFARE®, and contact smart card encoding); Ethernet-enabled printer supports wireless accessory; dual-sided printing module; same-side input/output card hopper; locking card input/output hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; Ethernet with internal print server; secure proprietary consumables system |
| Software | Swift ID™ embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-col or matching |
| Display | User friendly, SmartScreen™ graphical display |
| Printer Security | Printer access password protected |

