

FARGO® DTC4250e

Direct-to-card Printer

The HID FARGO DTC4250e ID card printer combines versatility with simplicity and features a sleek design with a changeable footprint to accommodate office environments where space is at a premium. Easy to operate with ultralow maintenance, the DTC4250e allows even novice users to begin issuing secure IDs and cards on day one.



Designed for medium-to-large businesses, schools and local governments seeking high-volume, direct-to-card printing, the DTC4250e is ideal for easy, flexible and reliable color printing and optional encoding of technology cards.

With its optional same-side input/ output, the DTC4250e can be operated effortlessly within even the most compact office environments. Moreover, the printer's user-friendly SmartScreen graphical display provides easy-to-follow prompts for simplified operation – keeping users informed of printer status and aiding in troubleshooting should the need arise.

The DTC4500e also boasts features that enhance the security of your overall card issuance program. User-defined passwords lock down printer access ensuring that unauthorized personnel cannot use the printer to print fraudulent cards or steal personal information while AES-256 data encryption protects cardholder data while in transit, thus guaranteeing data integrity and authentication between PC and printer.

In addition, its unique resin scramble data protection adds an additional layer of security by scrambling and subsequently concealing any information printed with a resin panel. Used ribbon panels are rendered indecipherable, safeguarding cardholder data from fraudulent use.

The DTC4250e also supports fluorescent panel printing – allowing issuers to include an additional layer of card security cost-effectively.

Beyond its comprehensive feature set, the DTC4500e can also play a pivotal role in your green initiatives. GreenCircle® Certified for its efficient energy consumption, the DTC4500e was found to provide a 39 percent energy savings over comparable printers. What's more, the DTC4500's eco-friendly rewrite support allows card text to be erased and reprinted making it ideal for any organization that routinely issues temporary-use cards such as contractor or visitor badges.

Powerful, secure, versatile and eco- friendly, the DTC4500e is an ideal solution for organizations seeking to print superior-quality cards and IDs in higher volumes.

Key features

- High-quality output – Create high- quality, visually rich credentials on demand
- Simple plug-and-play – Leverage an intuitive user-focused interface for easy setup, consumables loading and operation
- Built-in security – Enjoy peace of mind with AES-256 encryption and resin scramble data protection
- Earth-friendly – Support your green initiatives with GreenCircle Certified energy efficiency and support for eco-friendly (ECO) refill ribbons and rewritable cards

Optional features

- Dual-sided printing
- Contact, contactless and mag stripe encoding
- Ethernet with internal print server
- Same-side input/output

Additional product features

- FARGO Workbench™ printer maintenance and diagnostic software utility with inclusive Colour Assist spot colour matching
- Support for easy-to-use, all-in-one ribbon cassettes (EZ ribbons) and eco-friendly rewritable cards
- Interoperable with Asure ID® card personalization software for card/badge design, database management and technology card encoding

Encoding options

(Supported smart card and magnetic stripe technologies):

- 125kHz (HID Prox™) reader
- 13.56 MHz (iCLASS® Standard/SE/SR/Seos®, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire®, MIFARE DESFire EV1/EV2, 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

Specifications

Print Method	Dye sublimation / resin thermal transfer
Resolution	300 dpi (11.8 dots/mm) continuous tone
Colours	Up to 16.7 million / 256 shades per pixel
Print Ribbon Options	Options include easy-to-use ribbon with disposable ribbon cartridge (EZ) and more economical and ecofriendly refill ribbon for cartridge (ECO). <i>Both EZ and ECO:</i> <ul style="list-style-type: none"> • Resin black (standard), 1000 prints <i>EZ only:</i> <ul style="list-style-type: none"> • Full-color with resin black panel 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 panels, YMCFKO*, 200 prints • Resin black and overlay panel, KO*, 500 prints • Resin black (premium), 1000 prints • Resin white, 1000 prints • Gold metallic, 450 prints
Print Speed	6 seconds per card (K*); 8 seconds per card (KO*); 16 seconds per card (YMCKO*); 24 seconds per card (YMCKOK*)
Security Features	Password protection; AES 256 encryption; resin scramble data protection; fluorescent panel printing
Accepted Standard Card Sizes	CR-80 (3.375" 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)
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	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; rewrite
Input Hopper Card Capacity	100 cards (.030" / .762 mm)
Output Hopper Card Capacity	Single-sided: Up to 30 cards. Dual-sided: Up to 100 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® 7 / 10 / 11 / Server 2012 / Server 2016 / Server 2019 / Server 2022
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 / 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
Weight	Single-sided: 9 lbs. / 4,1 Kg; dual-sided: 11 lbs. / 5 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	GreenCircle® Certified card printer (base models only without encoders), refillable supply cartridges (ECO), card rewrite support
Supply Voltage	100-240Vac, 50-60Hz, 1.6 Amps max
Supply Frequency	50 Hz / 60 Hz
Warranty	Printer: three years**; printhead: three years**, unlimited card passes with UltraCard™
Encoding Options (HID Encoders)	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/EV2, 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	Dual-sided printing; single- or dual-sided lamination; same-side input/output card hopper; locking card input/output hopper; smart card encoding (contact/contactless); magnetic stripe encoding; printer cleaning kit; Ethernet with internal print server; secure proprietary consumables system
Display	User-friendly, SmartScreen graphical display

* Indicates the ribbon type and the number of ribbon panels printed where Y=yellow, M=magenta, C=cyan, K=resin black, O=overlay, F=fluorescing
 **Three-year warranty available on printers and printheads with completion of online printer registration. (Two-year warranty standard on both printer and printheads without online printer registration.)



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