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-sized businesses, schools and local governments seeking versatility in a convenient, professional and secure printer/encoder system, 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 DTC4250e 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.

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

With its optional internal print server, the DTC4250e also safeguards printing over a network — enabling secure, distributed card issuance in seconds.

Beyond its comprehensive feature set, the DTC4250e can also play a pivotal role in your green initiatives. GreenCircle® Certified for its efficient energy consumption, the DTC4250e was found to provide a 42 percent energy savings over comparable printers. What's more, the DTC4250'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.

Versatile, easy-to-use, secure and eco-friendly, the DTC4250e is an excellent choice for organizations seeking flexible and high-quality ID card printing.

KEY FEATURES:

- High-quality output — Create high-quality, visually rich credentials on demand
- Simple plug-and-play — Leverage an intuitive SmartScreen interface for easy setup, consumables loading and operation
- Built-in security — Enjoy peace of mind with built-in password protection and AES-256 encryption
- Earth-friendly — Support your green initiatives with GreenCircle Certified energy efficiency and support for eco-friendly rewritable cards

OPTIONAL FEATURES:

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

HID

FARGO®
DTC4250e

HID FARGO DTC4250e featured
with single-sided printing

ADDITIONAL PRODUCT FEATURES

- FARGO Workbench™ printer maintenance and diagnostic software utility with inclusive Color Assist spot color 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

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	Options include easy-to-use ribbon with disposable ribbon cartridge (EZ) and more economical and ecofriendly refill ribbon for cartridge (ECO). *Both EZ and ECO:* • Resin black (standard), 1000 prints *EZ only:* • 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
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	.009˝ - .040˝ / 9 mil - 40 mil / .229 mm - 1.016 mm
Accepted Card Types	PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; rewrite
Input Hopper 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)
Reject Hopper Card Capacity	Up to 100 cards (.030˝ / .762 mm) - same-side input / output card hopper
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, 2012 / Windows® 7, 8 & 10 (32 & 64 bit), MAC OS X 10.5/10.6/10.7/10.8/10.9/10.10 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 / 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
Supported Access Control Credential Programming	iCLASS Standard/SE/SR/Seos, MIFARE Classic, MIFARE DESFire EV1, HID Prox
Options	Dual-sided printing; same-side input/output card hopper; smart card encoding (contact/contactless); magnetic stripe encoding; printer cleaning kit; Ethernet with internal print server; secure proprietary consumables system
Software	FARGO Workbench™ diagnostic utility with Color Assist spot color matching
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

** 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.

*** Call for Linux OS availability

**** 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.)

Learn about HID Global's green initiative @ **hidglobal.com/green**

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