FARGO® DTC1250e

Direct-to-Card Printer

Ideal for smaller, cost-conscious organizations, the HID FARGO DTC1250e ID card printer delivers maximum efficiency in a sleek, user-friendly design. Easy to operate with ultralow maintenance, even novice users can begin issuing secure IDs and cards on day one — virtually right out of the box.

Designed for small businesses, schools and local governments, the DTC1250e ID card printer is ideal for printing visually rich, full color credentials on a budget. Its small footprint also makes it a perfect fit for even the most compact office environments.

As the fastest printer in its class, the DTC1250e prints up to 50 percent more cards and IDs in the same amount of time it takes higher-end direct-to-card printers but without the premium price — keeping productivity high and costs low.

The DTC1250e also boasts features that enhance the security of your overall card issuance program. 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.

Featuring AES-256 data encryption, the DTC1250e protects cardholder data while in transit, thus guaranteeing data integrity and authentication between PC and printer.

With its optional internal print server, the DTC1250e also safeguards printing over a network — enabling secure, distributed card issuance in seconds.

Beyond its comprehensive feature set, the DTC1250e has been GreenCircle® Certified for its efficient energy consumption resulting in a 58 percent energy savings over comparable printers. What's more, the DTC1250e supports both eco-friendly, refill ribbons and rewritable cards —helping to ensure that far less material ends up in landfills thus playing a pivotal role in your green initiatives.

Fast, easy-to-use, secure and eco-friendly, the DTC1250e sets the bar for high-quality yet economical ID card printing.

KEY FEATURES:

- Fastest printer in its class — Minimize wait time for personalized cards and IDs
- 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

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FARGO® DTC1250e

HID FARGO DTC1250e featured with optional dual-sided printing

ADDITIONAL PRODUCT FEATURES

- FARGO Workbench™ printer maintenance and diagnostic software utility with inclusive Color Assist spot color matching
- Support for either easy-to-use, all-in-one ribbon cassettes (EZ ribbons) or more economical and eco-friendly refill ribbons (ECO ribbons)
- 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:* • Full-color with resin black and overlay panel, YMCKO*, 250 prints • Resin black (standard), 1000 prints • Full-color half-panel with resin black and overlay panel, YMCKO*, 350 prints *EZ only:* • Full-color with two resin black panels and overlay panel, YMCKOK*, 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	Resin scramble hides any information printed with a resin panel rendering it unreadable; 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 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® XP / Vista™ (32 bit & 64 bit) / Server 2003, 2008, 2012 / Windows® 7, 8 & 10 (32 & 64 bit)
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: 8.8˝H x 13.7˝W x 7.9˝D / 224 mm H x 348 mm W x 201 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: 7.5 lbs. / 3.4 Kg; dual-sided: 10 lbs. / 4.54 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; 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	Color-changing status buttons

* 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.

*** 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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2022-11-17-si-fargo-dtc1250e-printer-nae-ds-en PLT-01776
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