

FARGO DTC1250e

Direct-to-Card Printer

The HID FARGO DTC1250e is the ideal ID badge printer for organizations that need professional-quality cards without the cost or complexity of enterprise systems. Designed for small businesses, schools and local governments, the DTC1250e combines speed, reliability and simplicity in a sleek, user-friendly design.

BUILT TO PRINT

Easy to set up and operate, the DTC1250e enables users to create employee badges, student IDs, membership cards, and visitor passes quickly and efficiently — virtually right out of the box. Delivering exceptional performance, it prints full-color credentials up to 50% faster than comparable models. Additionally, the DTC1250e supports high-capacity color ribbon consumables that yield more images per roll, thereby minimizing ribbon changes and enhancing overall productivity.

The DTC1250e has also been designed for efficient energy use, delivering measurable savings compared to similar offerings. What's more, the DTC1250e supports eco-friendly rewritable cards — helping to ensure that less material ends up in landfills, thus playing a pivotal role in your green initiatives.

Beyond its speed and efficiency, the printer's 300x600 dpi resolution support and an enhanced color profile enable you to create visually rich credentials that reflect your brand.

Protecting what matters.

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 data encryption, the DTC1250e protects cardholder data in transit, helping ensure data integrity and authentication between the PC and the printer.

BUILT TO LAST

When you buy from HID, you're investing in peace of mind. With more than a million units installed worldwide, FARGO DTC printers are among the most trusted in the industry. Moreover, FARGO solutions are designed and built in ISO:9001-certified facilities and backed by global product warranties, ongoing printer health monitoring and superb technical support.

BUILT FOR MORE

Flexible and scalable, the DTC1250e supports in-field upgrades for encoding and dual-side printing — protecting your initial investment and supporting your organization as needs evolve. The FARGO DTC1250e is also part of a larger ecosystem of solutions for access control and identity management not available elsewhere.

Fast, easy to use, scalable and secure, the DTC1250e offers the perfect balance of affordability, security and simplicity for growing organizations.



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 encryption and resin scramble data protection
- **High-capacity consumables** — Increase productivity with full-color consumables that yield more images per roll, requiring less frequent ribbon changes
- **Earth friendly** — Support your green initiatives with energy efficiency and support for eco-friendly rewritable cards

OPTIONAL FEATURES:

- Graphical SmartScreen display
- Field-upgradeable dual-sided printing
- Field-upgradeable contact and contactless encoding
- Ethernet with internal print server

FARGO DTC1250e



HID FARGO DTC1250e single-side printer



HID FARGO DTC1250e single-side printer with optional SmartScreen display



HID FARGO DTC1250e dual-side printer



HID FARGO DTC1250e dual-side printer with optional SmartScreen display

ADDITIONAL PRODUCT FEATURES

- Diagnostic software utility with Color Assist spot color matching tool conveniently integrated with printer driver
- Easy-to-use, all-in-one ribbon cassettes (EZ ribbons)
- Compatible with Asure ID card personalization software for card/badge design, database management and technology card encoding

ENCODING OPTIONS

- 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 x 300 dpi (dots per inch) for standard color and monochrome printing 300 x 600 dpi (dots per inch) for optimized color and monochrome printing
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 use with refillable cartridge (sold separately). <i>Both EZ and ECO:</i> • Resin black (standard), 1000 prints (Both EZ and ECO) <i>EZ only:</i> • Full-color with resin black panel and overlay panel, YMCKO, 300 prints • Full-color half-panel with resin black panel and overlay panel, YMCKO, 350 prints • Full-color with two resin black panels and overlay panel, YMCKOK*, 250 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 data protection; AES-256-GCM data 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® 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: 9.8" H x 18.1" W x 9.7" D / 249 mm H x 460 mm W x 246 mm D Single-sided with optional OLED display: 9.8" H x 18.1" W x 10.2" D / 249 mm H x 460 mm W x 259 mm D Dual-sided: 9.8" H x 18.7" W x 9.7" D / 249 mm H x 475 mm W x 246 mm D Dual-sided with optional OLED display: 9.8" H x 18.7" W x 10.2" D / 249 mm H x 475 mm W x 259 mm D
Weight	Single-sided: 9 lbs. / 4.1 Kg; Dual-sided: 10 lbs. / 4.54 Kg
Agency Listings	Safety: UL, FCC, CSA, ISED, CE, BIS, WPC, MIC, NCC, KC, RCM
Environmental Features	Designed for energy efficiency (base models only without encoders), 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	SmartScreen OLED display; dual-sided printing; smart card encoding (contact/contactless); magnetic stripe encoding; printer cleaning kit; Ethernet with internal print server; secure proprietary consumables system
Software	Diagnostic utility with Color Assist spot color matching integrated with driver
Display	Color-changing status buttons or optional, graphical SmartScreen

* 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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