HID®

FARGO®
DTC1250e

DIRECT-TO-CARD PRINTER

The DTC1250e offers the following built-in and optional features:

- A dual-sided printing module that enables you to add additional company or cardholder information as needed.

- A Wi-Fi accessory for Ethernet-enabled printers, allowing you to print anywhere, anytime.

- Choose from either the easy-to-use all-in-one ribbon cassette (EZ ribbons) or the more economical and eco-friendly refill ribbon (ECO ribbons) option.

- An optional iCLASS SE® encoder that enables your printer to be compatible with the HID secure identity ecosystem. This includes the ability to program the HID PACS data in the printer. The encoder provides an additional layer of security to your identity program by allowing for processing of Secure Identity Object (SIO) data, and enabling the printer to become a Trusted Identity Platform (TIP) endpoint.

- Optional internal server for secure printing over a network, enabling distributed card issuance in seconds.

- Optional technology card encoders that allow you to easily migrate to contact and contactless smart card technologies (including but not limited to iCLASS SE® or MIFARE®) or simple mag stripe and prox cards as needed.

- Eco-friendly erase and rewrite feature, ideal for creating temporary ID cards, such as visitor badges.

- Ability to print on a variety of card thicknesses to create simple loyalty cards as thin as 9 mil, or access control badges as thick as 40 mil.

- **Fastest printer in its class** – Minimize wait time for cards and IDs with this speedy card printer.

- **High-quality output** – Simple, reliable and affordable photo ID card personalization, delivering a new level of durable, great-looking credentials.

- **Simple plug-and-play** – The intuitive user-focused design allows for easy set-up, loading and operation for increased efficiency.

- **Convenient and affordable** – Create ID cards right out of the box with plug-and-play Swift ID™ embedded badging application.

- **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.

- **Additional Data Protection** – Secure data sent to printer with AES-256 decryption.

Designed for small-to-medium businesses, the DTC1250e provides maximum efficiency in a sleek, user-friendly design. This printer is virtually maintenance-free and prints full-color, plastic ID and technology cards on a budget.

The DTC1250e adds a level of convenience to easily print what you need, including:

- Choose from easy (EZ), all-in-one print ribbon and card cleaner or economical and eco-friendly (ECO) refill ribbons.

- Built-in Swift ID™ badging application enables you to create ID badges in seconds without having to install any additional software.

- Edge-to-edge printing in full-color or simple black and white.

- Intuitive design provides instant system status through color-changing buttons.

- Industry's first, inline card printing and technology card encoding with a single connection using USB or optional Ethernet or Wi-Fi connectivity.

The FARGO® DTC1250e 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.

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 **ECO only:** • 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 • Dye-sublimation black and overlay panel, BO*, 500 prints • Resin green, blue, red, white, silver, gold, 1000 prints • Silver and gold metallic, 500 prints Rewrite technology - no ribbon is 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″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; optical memory cards with PVC finish; 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 / Windows® 7 / Windows® 8 (32 bit & 64 bit)/ MAC OS X 10.5/10.6/10.7/10.8/10.9/ Linux*** (Available Soon)
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
Enviornmental Features	ENERGY STAR® qualified card printer (base models only without encoders) and refillable supply cartridges (ECO)
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; 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-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.

***Linux versions: Ubuntu 12.04, Debian 7.0, Fedora 18, Mandriva 2011, Red Hat 6.4, Open Suse 12.3