

FARGO DTC1500

Direct-to-Card Printer

Built on more than 30 years of direct-to-card printing innovation, the HID FARGO DTC1500 delivers exceptional security, flexibility and value. Offering a comprehensive feature set, support for high-capacity ribbons and custom watermark overlay, the DTC1500 enables organizations to routinely issue tamper-resistant credentials cost-effectively.

BUILT TO PRINT

Ideal for schools, businesses, healthcare facilities and government agencies, the FARGO DTC1500 delivers secure, reliable and efficient ID issuance – helping organizations protect people, places and processes without increasing complexity or cost.

Delivering exceptional performance, it prints full-color credentials at up to 225 cards per hour. Additionally, the DTC1500 supports high-capacity color ribbon consumables that yield more images per roll, thereby minimizing ribbon changes and enhancing overall productivity.

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 bring your brand to life. Moreover, the DTC1500 offers innovative printing features such as resin threshold. Resin threshold enables true K panel printing by allowing printer operators to manually set and adjust precisely when the resin is used, based on color concentration. As a result, text and barcodes are darker and more crisply defined.

Protecting what matters.

A built-in custom watermark overlay function allows for the application of a customized transparent security image — such as a logo, symbol or text — to be integrated as a permanent watermark within the printed card's overlay panel, making duplication virtually impossible. The DTC1500 custom watermark provides organizations with a cost-efficient way to significantly increase card security and thwart would-be counterfeiters without additional investment in holographic overlaminates or foil cards.

The DTC1500 also comes equipped with a unique resin scramble data protection feature, providing an additional layer of security by hiding any information printed with a resin panel. Standard password protection and AES data encryption provide additional peace of mind.

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 DTC1500 supports in-field upgrades for encoding — protecting your initial investment and supporting your organization as needs evolve. What's more, built-in dual-sided printing can be activated quickly and easily via RFID tag, making after-purchase upgrades virtually effortless.

Cloud-ready, the DTC1500 is compatible with HID FARGO Connect, a secure, cloud-based card printing platform. In addition to convenient, cloud-based issuance, the solution provides full printer visibility and control through its real-time dashboard, enabling you to proactively address printer maintenance and eliminate out-of-stock consumables.

The FARGO DTC1500 is also part of a larger ecosystem of solutions for access control and identity management, not available elsewhere.

Security, innovation and versatility — they all come standard with the DTC1500.



KEY FEATURES:

- **Built-in security** — Safeguard credentials and data with custom overlay watermarks, resin scramble data protection, password protection and AES encryption
- **High-capacity consumables** – Increase productivity with full-color consumables that yield more images per roll, requiring less frequent ribbon changes
- **Exceptional versatility** – Leverage powerful printing in a modular, scalable design that simplifies in-field equipment upgrades and migration to higher levels of security
- **Earth friendly** – Support your green initiatives with energy efficiency and support for eco-friendly rewritable cards

OPTIONAL FEATURES:

- Built-in dual-side printing that can be activated via RFID tag
- Single-side lamination
- Field-upgradeable contact and contactless encoding

FARGO DTC1500



HID FARGO DTC1500 featured
with optional lamination

ADDITIONAL PRODUCT FEATURES

- Built-in Ethernet and USB connection for centralized or remote ID card issuance (Ethernet is optional on BIS-certified units)
- Diagnostic software utility with Color Assist spot color matching tool conveniently integrated with printer driver
- Compatible with Asure ID card personalization software for 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 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	Available print ribbons include: • Full-color with resin black and overlay panel, YMCKO*, 700 prints • Full-color with two resin black panels and overlay panel, YMCKOK*, 600 prints • Resin black, K*, 3000 prints • Resin white, W*, 2000 prints
Print Speed**	6 seconds per card (K*); 16 seconds per card (YMCKO*); 24 seconds per card (YMCKOK*)
Security Features	Custom overlay watermark; resin scramble data protection; password 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 (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; print / lamination: .030" - .040" / 30 mil - 40 mil / .762 mm - 1.02 mm
Accepted Card Types	PVC or polyester cards with polished PVC finish; 100% polyester cards (monochrome resin required); rewrite
Input Hopper Card Capacity	100 cards (.030" / .762 mm)
Output Hopper Card Capacity	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, Standard Ethernet with internal print server (Ethernet is optional on BIS-certified units)
Operating Temperature	65° to 80° F / 18° to 27° C
Humidity	20-80% non-condensing
Dimensions	Printer: 9.8" H x 18.7" W x 9.7" D / 249 mm H x 475 mm W x 246 mm D Printer + lam: 18.9" H x 18.7" W x 9.7" D / 480 mm H x 475 mm W x 246 mm D
Weight	Printer: 11 lbs. / 5 Kg Printer + lam: 20 lbs. / 9.1 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
Supply Voltage	100-240Vac, 50-60Hz, 1.6 Amps max
Supply Frequency	50 Hz / 60 Hz
Environmental Features	Energy-efficient card printer (base models only without encoders), rewrite technology - no ribbon required
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	USB 2.0 interface for inline printing and encoding; single- or dual-sided printing module; single-sided lamination module; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system
Software	Diagnostic utility with Color Assist spot-color matching integrated with driver
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.

** 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 available resources at the time of the print.



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