

CARD PRINTING & ENCODING



The DTC4250e not only meets your current needs, it can also be scaled to meet future requirements with the following optional field-upgradeable modules:

- A Wi-Fi accessory for Ethernet-enabled printers, allowing you to print anywhere, anytime.
- Choose from either the easy-to-use all-inone 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.
- A dual-sided printing module that enables you to add additional company or cardholder information and security features, such as duplicate photos and digital signature.
- Optional same-side, input/output card hopper and movable SmartScreen™ graphical display allows the printer to fit into tight spaces.
- Dual-input card hopper holds 200 cards for higher capacity printing and encoding.
- 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.

DIRECT-TO-CARD PRINTER

- Highly versatile Powerful printing in a modular, scalable design that simplifies
 equipment upgrades and migration to higher levels of security.
- 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.
- Easy-to-use Efficient set-up, loading and printing with all-in-one print ribbon and card cleaning cartridge (EZ), and SmartScreen™ graphical display.
- Enhanced protection Standard printer password protection and fluorescent panel printing provide a cost-effective and dynamic means of increasing card security.
- Earth friendly ENERGY STAR® certified for efficient energy consumption and eco-friendly (ECO) refill ribbons.

Designed for medium-sized businesses, schools and local government institutions seeking versatility in a convenient, professional and secure printer/encoder system, the DTC4250e is ideal for flexible, easy and reliable color printing and encoding of technology cards.

The DTC4250e combines versatility with simplicity to easily print what you need including:

- A sleek design with changeable footprint to accommodate office environments where space is at a premium.
- SmartScreen graphical display with easy-to-follow prompts ensures you'll always know printer status.
- Eco-friendly erase and rewrite feature is ideal for creating temporary ID cards.

- FARGO Workbench™ diagnostic utility facilitates printer maintenance. Its Color Assist™ tool matches spot colors, ensuring accurate prints of graphics such as company logos.
- Fully compatible with Asure ID® card personalization software for badge design, database management and technology card encoding, as well as EasyLobby® Secure Visitor Management solutions.

The FARGO® DTC4250e 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.



SPECIFICATIONS

Resolution S00 dpi (118 dots/mm) continuous tone Colors Up 10 to 7 million / 256 shades per plaxe Colors Up 10 to 7 million / 256 shades per plaxe Colors Up 10 to 7 million / 256 shades per plaxe Colors Up 10 to 7 million / 256 shades per plaxe Colors Up 10 to 7 million / 256 shades per plaxe Colors Up 10 to 7 million / 256 shades per plaxe Colors Up 10 to 1		
Colors Up to 16.7 million / 256 shades per pixel Options include easy-to-use ribbon with disposable ribbon cartridge (EZ) and more economical and eco-friendly refill inbon for cartridge (ECO). Resin Disk Candard), 1000 prints EZ colir; Print Ribbon Options Pr	Print Method	Dye-sublimation / resin thermal transfer
Options include says-to-user shoots with disposable ribbon cartridge (EZ) and more economical and eco-friendly refill ribbon for cartridge (ECO) Real black (standards), 1000 prints EX only: EX	Resolution	
Both EZ and ECO: Rein black (standard), 1000 prints EZ only Print Ribbon Options Print	Colors	
Accepted Standard Card Sizes Print Area CR-80 (3.57° L x 2.112° W / 85.6 mm L x 54 mm W); CR-79 adhesive back (3.51° L x 2.06° W / 84.1 mm L x 52.4 mm W) Print Area Accepted Card Thickness Print only; .0.90° - 0.40° / 9 mil - 40 mil / .29 mm - 1.016 mm; print; .030° - 0.40° / 30 mil - 40 mil / .762 mm - 102 mm 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 Up to 100 cards (.030° / .762 mm) Output Hopper Card Capacity PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; rewrite Up to 100 cards (.030° / .762 mm) Reject Hopper Card Capacity PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; rewrite Up to 100 cards (.030° / .762 mm) Reject Hopper Card Capacity Up to 100 cards (.030° / .762 mm) Card Cleaning Memory 32 MB RAM Software Drivers Interface Ups 20 and Ethernet with internal print server Operating Temperature Up 50 80° F / 18° to 22° C Humidity Diemensions Diemensions Up 10 80° Ron-condensing Single-sided printer: 98° H x 1817' W x 92° D / 249 mm H x 450 mm W x 254 mm D Dusl-sided printer: 98° H x 1817' W x 92° D / 249 mm H x 450 mm W x 254 mm D Dusl-sided printer: 98° H x 1817' W x 92° D / 249 mm H x 450 mm W x 254 mm D Single-sided printer: 98° H x 1817' W x 92° D / 249 mm H x 450 mm W x 254 mm D Supported Smart card and magnetic stripe technologies: Supply Frequency Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard' Supported Access Control Credential Programming GLASS' Standard/SE/SR/Seos, MiFARE Classic', MiFARE Plus', MiFARE DESFire', MiFARE DESFire', MiFARE DESFire', MiFARE DESFire', MiFARE DESFire', MiFARE DESFire' EVI, LID Prox Class Supported Access Control Credential Programming GLASS' Standard/SE/SR/Seos, MiFARE Classic', MiFARE DesFire', MiFARE DesFire', Mi	Print Ribbon Options	Both EZ and ECO: Resin black (standard), 1000 prints EZ only: Full-color with resin black 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 panel, YMCFKO*, 200 prints Full-color with fluorescing, two resin black panels and overlay panel, YMCFKO*, 175 prints Resin black and overlay panel, KO*, 500 prints Dye-sublimation black and overlay panel, BO*, 500 prints Resin green, blue, red, white, silver, gold, 1000 prints Resin silver and gold metallic, 500 prints
Print Area Accepted Card Thickness Print only. 0.09* - 0.40* / 9 mil + 40 mil / 229 mm + 1.016 mm; print: 0.30* - 0.40* / 3 mil + .40 mil / .752 mm + 1.02 mm Accepted Card Thyces Input Hopper Card Capacity Up to 100 cards (0.30* / 7.62 mm) Output Hopper Card Capacity Wp to 100 cards (0.30* / 7.62 mm) Up to 100 cards (0.30* / 7.62 mm) Output Hopper Card Capacity Reject Hopper Card Capacity Wp to 100 cards (0.30* / 7.62 mm) Output Hopper Card Capacity Wp to 100 cards (0.30* / 7.62 mm) Acard Cleaning Memory Software Drivers Mindows XP / Windows Vista* (32 bit & 64 bit) / Server 2003 & 2008 / Windows* 7 / Windows* 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/0.8/10.9/ Linux*** (Available Soon) Interface Operating Temperature Windows XP / Windows Vista* (32 bit & 64 bit) / Server 2003 & 2008 / Windows* 7 / Windows* 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/0.8/10.9/ Linux*** (Available Soon) Dimensions Weight Single-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Soll-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 181" W x 9.2" D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 180" W x 32* D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 180" W x 32* D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 180" W x 32* D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 180" W x 32* D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 180" W x 32* D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H x 180" W x 32* D / 249 mm H x 4/50 mm W x 234 mm D Dual-sided printer: 98 "H	Print Speed**	6 seconds per card (K*); 8 seconds per card (KO*); 16 seconds per card (YMCKO*); 24 seconds per card (YMCKOK*)
Accepted Card Thickness Print only: .009*040* / 9 mil - 40 mil / .229 mm - 1.016 mm; print: .030*040* / 30 mil - 40 mil / .762 mm - 1.02 mm Accepted Card Types Input Hopper Card Capacity Up to 100 cards (.030* / .762 mm) Output Hopper Card Capacity Up to 100 cards (.030* / .762 mm) Card Cleaning Card cleaning orlier integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory 32 MB RAM Software Drivers Interface Operating Temperature G** 5** 0.80** F / 18** 0.27** C Humidity Dimensions 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 Dimensions Dimensions Single-sided printer: 9.8** H x 18.1** W x 9.2** D / 249 mm H x 455 mm W x 234 mm D Dimensions Single-sided printer: 9.8** H x 18.1** W x 9.2** D / 249 mm H x 475 mm W x 234 mm D Dimensions Single-sided printer: 9.8** H x 18.1** W x 9.2** D / 249 mm H x 475 mm W x 234 mm D Dimensions Single-sided printer: 9.8** H x 18.1** W x 9.2** D / 249 mm H x 475 mm W x 234 mm D Dimensions Weight 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 Supply Frequency Supply Frequency So H z 6 0 Hz Werranty Printer - three years; printhead - three years, unlimited pass with Ultra-Card' Supported Access Control Credential Programming Credential Programming CLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire*, MI	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)
Accepted Card Types Input Hopper Card Capacity Up to 100 cards (030" / 762 mm) Output Hopper Card Capacity Up to 100 cards (030" / 762 mm) Up to 100 cards (030" / 762 mm) Up to 100 cards (030" / 762 mm) Card Cleaning Card Clea	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)
Input Hopper Card Capacity Output Hopper Card Capacity Output Hopper Card Capacity Reject Hopper Card Capacity Output Hopper Card Capacity Out	Accepted Card Thickness	Print only: .009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm; print: .030"040" / 30 mil - 40 mil / .762 mm - 1.02 mm
Output Hopper Card Capacity Reject Hopper Card Capacity Card Cleaning Memory 32 MB RAM Software Drivers Midows X F / Windows 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 Operating Temperature Operating Temperature 55* to 80* F / 18* to 27* C Windows X F / Windows 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 Operating Temperature 55* to 80* F / 18* to 27* C Humidity 20-80% non-condensing Single-sided printer: 9.8* H x 18.1* W x 9.2* D / 249 mm H x 450 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Dial-sided printer: 9.8* H x	Accepted Card Types	
Reject Hopper Card Capacity Card Cleaning Memory Sz MB RAM Software Drivers Mindows' XP / Windows 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 Operating Temperature (BS 2.0 and Ethernet with internal print server Operating Temperature Humidity Dimensions Single-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dual-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Dual-sided printer: 98" H x 18.7" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Single-sided printer: 98 H x 18.7" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Weight Agency Listings Safety: UL 60950-2, CSA C222 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KC Environmental Features Supply Voltage Supply Voltage Supply Frequency 50 Hz / 60 Hz Supported smart card and magnetic stripe technologies: 215 kHz (HID Prox) reader; 13.56 MHz (ICLASS* Standard/SE/SR/Seos, MIFARE Plus*, MIFARE DESFire*, EVE, ILSD 14443 A/B, ISD 15693) read/vite encoder; contact smart card encoder reads from and writes to all ISO7816 1/27/4/ 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 CicLASS* Standard/SE/SR/Seos, MIFARE DESFire* EVI, HID Prox Single wire ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for ICLASS*, MIFARE DESFire*, and contact smart card encoding modules (contact/contact/ses); magnetic stripe encoding, dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contact/ses); magnetic stripe encoding indule; printer leaning likt; secure proprietary consumables system Software Supported Access Control (CLASS*) Supported Access Control (CLASS*) Standard/SE/SR/Seos, MIFARE D	Input 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 Micro SX 10.5/10.6/10.7/10.8/10.9/ Linux**** (Available Soon) Interface USB 2.0 and Ethernet with internal print server Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing Dimensions Dimensions Dissilied 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 Agency Listings Safety: UL 69950-2, CSA C222 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KC Environmental Features ENERGY STAR* qualified card printer (base models only without encoders) and refillable supply cartridges (ECO) Supply Voltage Supply Frequency 50 Hz / 60 Hz Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard' Supported Ascess Control Credential Programming CLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire* MIFARE DESFire* EVI, 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 and magnetic stripe technologies: 2 Supported Access Control Credential Programming CLASS* Standard/SE/SR/Seos, MIFARE DESFire* EVI, HID Prox Single wire ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* MiFARE DESFire* EVI, HID Prox Single wire ethernet and USB 2.0 interface for inline printing module; same-date input/foutput card hopper; smart card encoding module; sonter-date input/foutput card hopper; smart card encod	Output Hopper Card Capacity	Up to 100 cards (.030" / .762 mm)
Software Drivers Mindows' XF / Windows 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 Dinensions Dimensions Dimen	Reject Hopper Card Capacity	Up to 100 cards (.030" / .762 mm) - same-side input / output card hopper
Software Drivers Windows' XP / Windows 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 and Ethernet with internal print server 65* to 80* F / 18* to 27* C Humidity Dianesions 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 Weight Single-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 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 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 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 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 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 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 printer: 9.8* H x 18.1* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Weight Single-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 printer: 9.8* H x 18.1* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Weight 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 Weight 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 Weight Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 460 mm W x 234 mm D Weight 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 Weight Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 460 mm W x 234 mm D Weight Single-sided printer: 9.8* H x 18.7* W x 9.2* D / 249 mm H x 460 mm W x 234 mm D Weight Single-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 printer: 9.8* H x 1	Card Cleaning	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Interface USB 2.0 and Ethernet with internal print server Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing 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 Dimensions Dimensions Weight Single-sided printer: 9.8″ H x 18.1″ W x 9.2″ D / 249 mm H x 475 mm W x 234 mm D Weight Single-sided printer: 9.8″ H x 18.1″ W x 9.2″ D / 249 mm H x 475 mm W x 234 mm D Weight Single-sided printer: 918 / 4.1 Kg; dual-sided printer: 11lbs / 5 Kg; printer 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 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 Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency Supported smart card and magnetic stripe technologies: 25 kHz (HID Prox) reader: 15.56 MHz (CLASS* Standard/SE/S/RX/Seos, MIFARE Classic*, MIFARE DESFire*, MIFARE DESFire* EVI, HID Prox Credential Programming iCLASS* Standard/SE/SR/Seos, MIFARE DESFire* EVI, HID Prox 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); dual-sided printing module; same-side input/output card hopper, smart card encoding module: contact leaving kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen* graphical display	Memory	32 MB RAM
Operating Temperature Humidity 20-80% non-condensing 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 18.1" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Weight Single-sided printer: 91bs / 4.1 Kg; dual-sided printer: 11lbs / 5 Kg; printer 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 ENERGY STAR" qualified card printer (base models only without encoders) and refillable supply cartridges (ECO) Supply Voltage Supply Frequency 50 Hz / 60 Hz Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard' Supported smart card and magnetic stripe technologies: 125 KHz (HID Prox) reader; 13.56 MHz (ICLASS" standard/SE/SR/Seos, MIFARE Classic", MIFARE DESFire*, MI	Software Drivers	
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 printer: 9lbs / 4.1 Kg; dual-sided printer: 1lbs / 5 Kg; printer 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 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 Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard' Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (CLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire*, MIFARE DESFire*, MIFARE DESFire*, 12 and 3 Supported Access Control Credential Programming iCLASS* Standard/SE/SR/Seos, MIFARE DESFire* EV1, HID Prox Single wire ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS*, MiFARE Dissingle wire ethernet encoding modules (contact/contactless); magnetic stripe encoding modules; printer cleaning kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching Display User friendly, SmartScreen* graphical display	Interface	USB 2.0 and Ethernet with internal print server
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 printer: 9lbs / 4.1 Kg; dual-sided printer: 11lbs / 5 Kg; printer 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 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' 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*, MI	Operating Temperature	65° to 80° F / 18° to 27° C
Weight Single-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 printer: 9lbs / 4.1 Kg; dual-sided printer: 1llbs / 5 Kg; printer 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 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* 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* EVI, 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 DESFire* EVI, HID Prox Single wire ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for ICLASS*, MIFARE in contact smart card encoding); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen* graphical display	Humidity	20-80% non-condensing
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 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* 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 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching Display User friendly, SmartScreen* graphical display	Dimensions	
Environmental 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® 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® 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 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID® embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen® graphical display	Weight	Single-sided printer: 9lbs / 4.1 Kg; dual-sided printer: 11lbs / 5 Kg; printer
Supply Frequency 50 Hz / 60 Hz Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard' Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (ICLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire*, MIFARE DESFire*, MIFARE DESFire*, MIFARE DESFire* EVI, 150 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 CLASS* Standard/SE/SR/Seos, MIFARE Classic™, MIFARE DESFire* EVI, HID Prox 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen* graphical display	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 Frequency Warranty Printer – three years; printhead – three years, unlimited pass with UltraCard* 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* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO/816 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 CLASS* Standard/SE/SR/Seos, MIFARE Classic™, MIFARE DESFire* EV1, HID Prox 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen* graphical display	Environmental Features	ENERGY STAR® qualified card printer (base models only without encoders) and refillable supply cartridges (ECO)
Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* 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* 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 Options Options 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID** embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen** graphical display	Supply Voltage	100-240Vac, 50-60Hz, 1.6 Amps max
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 Options Options 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen* graphical display	Supply Frequency	50 Hz / 60 Hz
Encoding Options 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 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID™ embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen™ graphical display	Warranty	Printer - three years; printhead - three years, unlimited pass with UltraCard"
Credential Programming CLASS* Standard/SE/SR/Seos, MIFARE Classic**, MIFARE DESFire* EVI, HID Prox 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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID* embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching User friendly, SmartScreen** graphical display	Encoding Options	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
Options MIFARE*, and contact smart card encoding); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system Software Swift ID** embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching Display User friendly, SmartScreen** graphical display		iCLASS® Standard/SE/SR/Seos, MIFARE Classic™, MIFARE DESFire® EV1, HID Prox
Display User friendly, SmartScreen™ graphical display	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); dual-sided printing module; same-side input/output card hopper; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system
	Software	Swift ID [™] embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching
	Display	
	Printer Security	Printer access password protected

^{*} 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.

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



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^{**} 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.