



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**

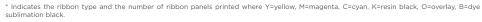


Resolution  Color  Color  Color  Due 10st 7 million 75 de Shades per pixel  Geldon include assystance ribbon with disposable ribbon cartridge (EZ) and more acconomical and eco-friendly refill ribbon for cartridge (EZ)  Friend Ribbon Option  Print Ribbon Option  Final Ribbon Option	Print Method	Dye-sublimation / resin thermal transfer
Options include casep-c-use thebon with disposable ribbon cartridge (EZ) and more economical and eco-friendly refill ribbon for cartridge (EZO).  ** Resim black (clandard), 1000 prints 22 only.  ** Emission but the control of the production of th	Resolution	300 dpi (11.8 dots/mm) continuous tone
Both EX and ECO: Pasis black (standard), 1000 prints EX on Pasis black (standard), 1000 prints EX on Pasis black (standard), 1000 prints EX on Pasis black (standard), 1000 prints Print Ribbon Options  Accepted Standard Card Sizes  CR-8i0 Ca357*1 Lx 2/D57*1 W./ 85.5 mm Lx 54 mm Wy. CR-79 adhesive back (3.31% Lx 2/D63*W / 84 mm Lx 52.4 mm W)  Print Area  Accepted Card Types  Print Area  Print Area  Accepted Card Types  Print Pri	Colors	Up to 16.7 million / 256 shades per pixel
Accepted Standard Card Sizes Print Are Print Are Print Are Accepted Card Thickness Print Only: 0.09° - 0.040° / 9 mil - 40 mil / 229 mm - 1.016 mm; print: 0.30° - 0.40° / 308 mm t x \$18 mm w) Accepted Card Thickness Print only: 0.09° - 0.040° / 9 mil - 40 mil / 229 mm - 1.016 mm; print: 0.30° - 0.40° / 30 mil - 40 mil / 722 mm - 1.020 mm Accepted Card Types Input Hopper Card Capacity Up to 100 cards (0.30° / 7.62 mm) Output Hopper Card Capacity Up to 100 cards (0.30° / 7.62 mm) Reject Hopper Card Capacity Up to 100 cards (0.30° / 7.62 mm) Reject Hopper Card Capacity Windows Ye / York Demonstrated into ribbon cartridge; cleaning roller integrated into ribbon cartridge; cleaning roller integrated into ribbon cartridge; cleaning roller integrated with each ribbon change  32 MB RAM Software Drivers Interface Operating Temperature 65° to 80° F / 188 to 2.2° C Windows Ye / York 0.30° J. 181 to 2.2° C Windows Ye / Fil8 to 2.2° C Windows Ye / Fil8 to 2.2° C Dual-sided printer: 98° H x 181° W x 9.2° D / 249 mm H x 455 mm W x 254 mm D Dual-sided printer: 98° H x 181° W x 9.2° D / 249 mm H x 455 mm W x 254 mm D Weight Agency Listings Servy Us 60950-2, CSA C222 (60950-07), and CE EMM: FCC Class A, LC (EFR 55022 Class A, EN 55024), CCC, BSMI, KC Environmental Features Supply Frequency 10-240 vac, 50-60Hz, 16 Amps max Supply Frequency 10-	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, YMCFKOK*, 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
Accepted Card Thickness Accepted Card Thickness Print only. CO9" - 040" / 9 mil - 40 mil / 229 mm - 1.016 mm; print: 030" - 040" / 30 mil - 40 mil / 752 mm - 1.02 mm  Accepted Card Thypes Input Hopper Card Capacity Output Hopper Card Capacity Up to 100 cards (030" / 762 mm) Gard Cleaning Memory Saftware Drivers Accepted Thickness Accepted Capacity Up to 100 cards (030" / 762 mm) Saftware Drivers Acard Cleaning Memory Software Drivers Accepted Capacity Up to 100 cards (030" / 762 mm) - same-side input / output card hopper Card Cleaning Memory Software Drivers Accepted Capacity Up to 100 cards (030" / 762 mm) - same-side input / output card hopper Card Cleaning Memory Software Drivers Accepted Capacity Up to 100 cards (030" / 762 mm) - same-side input / output card hopper Card Cleaning Memory Software Drivers Accepted Capacity Up to 100 cards (030" / 762 mm) - same-side input / output card hopper Card Cleaning Memory Software Drivers Windows XP / Windows Vista* (32 bit & 64 bit) / Server 2003 & 2008 / Windows* 7 / Windows* 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8/10.8/10.8/10.8/10.8/10.8/10.8/10.8	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  Accepted Card Types  Accepted Card Types  Accepted Card Types  Input Hopper Card Capacity 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  Memory  Card Cleaning  Memory  Software Drivers  Interface Operating Temperature  Hundidity  20-80% non-condensing  Single-sided printer: 98" H x 18.7" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D  Dula-sided printer: 98" H x 18.7" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D  Dula-sided printer: 98" H x 18.7" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D  Dula-sided printer: 98" H x 18.7" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D  Softylory North Softylory	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)  Reject Hopper Card Capacity Up to 100 cards (.030" / .762 mm) - same-side input / output card hopper  Card Cleaning Card Cleaning Windows' XP / Windows Vista' (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8/10.9/10.1.w** (Available Soon)  Interface Operating Temperature 65' to 80" F / 18" to 27" C Hundidly Dimensions Single-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 240 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 240 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 240 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 240 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 240 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 240 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1" W x 9.2" D / 240 mm H x 450 mm W x 234 mm D Dula-sided printer: 98" H x 18.1	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  Up to 100 cards (.030" / .762 mm)  Output Hopper Card Capacity  Up to 100 cards (.030" / .762 mm) - same-side input / output card hopper  Card Cleaning  Card Cleaning  Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change  Memory  32 MB RAM  S2 MB RAM  S2 MB RAM  Windows X P / 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  65° to 80° F / 18° to 27° C  Hundidity  20-80% non-condensing  Single-sided printer, 98 "H x 18.1" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D  Dula-sided printer, 98 "H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D  Dula-sided printer, 98 "H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D  Weight  Single-sided printer, 98 "H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D  Weight  Single-sided printer, 98 "H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D  Dula-sided printer : 98 "H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D  Weight  Single-sided printer: 98 "H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D  Weight  Single-sided printer: 98 "H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D  Weight  Supply Voltage  Number Safety: UL 60950-2, CSA C22.2 (60950-07), and CE: EMC: FCC Class A, CE (EM 55022 Class A, EM 55024), CCC. BSMI, KC  Environmental Features  Supply Frequency  SO Hz / 60 Hz  Printer - three years; printhead - three years, unlimited pass with UltraCard'  Supported Access Control (Credental Programming)  Class St. (LHD Prox): reader: 13.56 MHz (CLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire*, MIFARE DESFire*, MIFARE DESFire*, MIFARE DESFire* EVI, ISO 14443 A/6, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7816 Iz/3/4 memory and mcroprocessor smart card encoding; dual-sided printing module; smar-side input/output card hopper, smart c	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 Up to 100 cards (030" / .762 mm) - same-side input / output card hopper Card Cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory Software Drivers' Mindows' XP / Windows Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit) / MAC GS X 10.5/10.6/10.7/10.8/10.9 / Linux*** (Available Soon)  Interface Operating Temperature USB 2.0 and Ethernet with internal print server Operating Temperature Operating Temperature Single-sided printer: 98" H x 181" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dul-sided printer: 98" H x 181" W x 9.2" D / 249 mm H x 450 mm W x 234 mm D Dul-sided printer: 98" H x 181" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dul-sided printer: 98" H x 187 W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dul-sided printer: 98" H x 187 W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dul-sided printer: 98" H x 187 W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dul-sided printer: 98" H x 187 W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dul-sided printer: 98" 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 Frequency Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard' Supply Frequency Printer - three years; printhead - three years, unlimited pass with UltraCard' Supply Explored Samar Card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 1356 MHz (ICLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire*, MIFARE DESFi	Accepted Card Types	
Reject Hopper Card Capacity  Card Cleaning  Memory  Say MB RAM  Software Drivers  Mindows' XP / Windows Vistar (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8/10.9/1.Linux*** (Available Soon)  Interface  Operating Temperature  Opera	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  Windows' XP / Windows Vista* (32 bit & 64 bit) / Server 2003 & 2008 / Windows* 7 / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 7 / Windows* 7 / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* 8 (32 bit & 64 bit) / Mindows* V / Windows* V / Windows* 9 / Wi	Output Hopper Card Capacity	Up to 100 cards (.030" / .762 mm)
Software Drivers  Mindows' XP / Windows Visita" (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  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 Dimensions 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: 915 / 4.1 Kg; dual-sided printer: 111bs / 5 Kg; printer  Agency Listings 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 ENERGY STAR* qualified card printer (base models only without encoders) and refillable supply cartridges (ECO)  Supply Voltage Supply Frequency Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported Access Control List CHD Prox) reader; 13.56 MHz (CLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire*, MIF	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  20-60% 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 18.7° 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 450 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 450 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 450 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 450 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 450 mm W x 234 mm D  Doul-sided printer: 9.8° H x 18.7° W x 9.2° D / 249 mm H x 450 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 450 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  Display  User friendly single-sided printer: 18.8° H x 18.7° W x 9.2° D / 249 mm H x 460 mm W x 234 mm D  Display  User friendly single-sided printer: 18.8° H x 18.7° W x 9.2° D / 249 mm H x 460 mm W x 234 mm D  Display  User friendly single-sided printer: 18.8° H x 18.7° W x 9.2° D / 249 mm H x 460 mm W x 234 mm D  Display  User friendly single-sided printer: 18.8° H x 18.7° W x 9.2° D / 249 mm H x 455	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 6°s 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 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: 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: 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" A 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" A 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" A 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" A 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 18.7" 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 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 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 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 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 475 mm W x 234 mm D  Weight Single-sided printer: 9.8" H x 18.1" W x 9.2"	Memory	32 MB RAM
Operating Temperature  65° to 80° F / 18° to 27° C  Humidity  20-80% non-condensing  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: 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 18.7° W x 9.2° D / 249 mm H x 475 mm W x 234 mm D  Division 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  Division 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  Division 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  Division 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  Division 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  Division 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  Division 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  Division 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  Division 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  Division Single-sided printer: 9.8° H x 18.7° W x 9.2° D / 249 mm H x 450 mm H x 450 mm W x 234 mm D  Division Single-sided printer: 9.8° H x 18.7° W x 9.2° D	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 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: 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 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* EVI, ISO I 4443 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  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	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: 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  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 (iCLAS5" 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 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  iCLASS* 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/contact/ses); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system  Software  Display  User friendly, SmartScreen* graphical display	Operating Temperature	65° to 80° F / 18° to 27° C
Dimensions         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 / 41 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         100-240 Vac, 50-60 Hz, 1.6 Amps max           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*, EV, 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* 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; printer cleaning kit; secure proprietary consumables system           Options         Swift ID* embedded badging	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 (ICL ASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire*, MIFARE DESFire*, VI, 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  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 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	Dimensions	
Environmental Features  Supply Voltage  100-240Vac, 50-60Hz, 1.6 Amps max  Supply Frequency  50 Hz / 60 Hz  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*, Last (HID Prox) reader; 13.56 MHz (iCLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire*, MIFARE DESF	Weight	Single-sided printer: 9lbs / 4.1 Kg; dual-sided printer: 1llbs / 5 Kg; printer
Supply Voltage  Supply Frequency  Supply Frequency  Supply Frequency  Frinter - 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 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  Credential Programming  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*, 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	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*, 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  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  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	
Encoding Options  125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard/SE/SR/Seos, MIFARE Classic*, 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  Credential Programming  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	
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
<b>Display</b> User friendly, SmartScreen <sup>™</sup> graphical display	Options	MIFARE*, and contact smart card encoding); dual-sided printing module; same-side input/output card hopper; smart card encoding modules
	Software	Swift ID <sup>™</sup> embedded badging application, FARGO Workbench <sup>™</sup> diagnostic utility with Color Assist <sup>™</sup> spot-color matching
Printer Security Printer access password protected	Display	User friendly, SmartScreen <sup>™</sup> graphical display
	Printer Security	Printer access password protected



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<sup>\*\*</sup> 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 Sus<sup>a 19</sup> <sup>7</sup>







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