## **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<sup>™</sup> 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<sup>®</sup> 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<sup>™</sup> diagnostic utility facilitates printer maintenance. Its Color Assist<sup>™</sup> tool matches spot colors, ensuring accurate prints of graphics such as company logos.
- Fully compatible with Asure ID<sup>®</sup> card personalization software for badge design, database management and technology card encoding, as well as EasyLobby<sup>®</sup> 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.

### hidglobal.com

# SPECIFICATIONS



Resolution         300 dpl (118 dots/mm) continuous tone           Colors         Up to 16.7 million / 256 shades per pixel           Options includes easy-four atholes with didgosable fibbon cartridge (E2) and more economical and eco-friendly refill ribbon for cartri Both E2 and ECO:           File         File           To Refin black (clandrard), 1000 prints           To Refin black and overlay panel, VMCKO', 200 prints           File         File           Operabilisation black and overlay panel, MCK: 500 prints           Resin green, black and overlay panel, SO: 500 prints           Resin green, black and overlay panel, SO: 500 prints           Resin green, black and overlay panel, SO: 500 prints           Resin green, black and overlay panel, SO: 500 prints           Resin green, black and overlay panel, SO: 500 prints           Resin green, black and overlay panel, SO: 500 prints           Resin green		
Colors         Up to 16.7 million / 256 shades pur pixel           Options include easy-to-use ribbon with disposable ribbon cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for cartridge (E2) and more economical and eco-friendly refill ribbon for economical and eco-fribon for economical and eco-	Print Method	Dye-sublimation / resin thermal transfer
Options Include assychouse ribbon with disposable ribbon cartridge (EZ) and more sconomical and sco-friendly refill ribbon for cartrix           Exemption         Resim black (and acrb), D00 prints           EZ only:         • Full-color with resin black and overlay panel, YMCKO', 250 prints           • Full-color with resin black and overlay panel, YMCKO', 250 prints         • Full-color with resin black and overlay panel, YMCKO', 250 prints           • Full-color with resin black and overlay panel, YMCKO', 250 prints         • Full-color with resin black and overlay panels and overlay panel, YMCKO', 250 prints           • Full-color with resin black and overlay panel, YMCKO', 250 prints         • Full-color with resin black and overlay panel, XMCKO', 250 prints           • Full-color with resin black and overlay panel, YMCKO', 250 prints         • Full-color with resin black and overlay panel, XMCKO', 250 prints           • Full-color with resin black and overlay panel, XMCKO', 250 prints         • Full-color with resin black and overlay panel, XMCKO', 250 prints           • Full-color with resin black and overlay panel, XMCKO', 250 prints         • Color SMCKOK', 250 prints           • Resin black and overlay panel, XMCKO', 250 prints         • Color With Color with resin black panels and overlay panel, YMCKO', 24 seconds per card (YMCKOK')           Accepted Standard Card Standard, 1000 prints         • Color SMCKOK')           Accepted Standard Card Standard, 250 / V and NM L x 51 mm V); CR-79 adhesive back (X33' L x 2.06'', 401 / ML x 51.4 mm V)           Print Area         CR-80	Resolution	300 dpi (11.8 dots/mm) continuous tone
Both E2 and ECO: <ul> <li>Rein black (standard), 1000 prints</li> <li>F. Rein black (standard), 1000 prints</li> <li>F. Full-color with two resin black and overlay panel, VMCXO*, 350 prints</li> <li>F. Full-color with two resin black panels and overlay panel, VMCXO*, 350 prints</li> <li>F. Full-color with two resin black panels and overlay panel, VMCXO*, 200 prints</li> <li>F. Full-color with two resin black panels and overlay panel, VMCXO*, 200 prints</li> <li>F. Full-color with two resin black panels and overlay panel, VMCXO*, 200 prints</li> <li>F. Full-color with two resin black panels and overlay panel, VMCXO*, 200 prints</li> <li>F. Rein black and overlay panel, VMCXO*, 200 prints</li> <li>F. Rein black and overlay panel, VMCXO*, 200 prints</li> <li>F. Rein black and overlay panel, VMCXO*, 200 prints</li> <li>Rein Bier and g0 metallic, 500 prints</li></ul>	Colors	Up to 16.7 million / 256 shades per pixel
Accepted Standard Card Size       CR-80 (3375" L x 2125" 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       Print only: .009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm; print / lamination: .030"040" / 30 mil - 40 mil / .762 mm - 102         Accepted Card Types       Print only: .009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm; print / lamination: .030"040" / 30 mil - 40 mil / .762 mm - 102         Accepted Card Types       Print only: .009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm; print / lamination: .030"040" / 30 mil - 40 mil / .762 mm - 102         Accepted Card Types       Dual-input card hopper (200 cards)       Dual-input card hopper (200 cards)         Output Hopper Card Capacity       Up to 100 cards (0.30" / .762 mm) - same-side input / output card hopper or lamination module required         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) / MAC OS X 10.5/0.6/10.7/10.8 / Linux***         Interface       USB 2.0 and Ethernet with internal print server       Operating Temperature         Operating Temperature       65" to 80" F / 18" to 27" C       Pumility       20-80% mon-condensing	Print Ribbon Options	<ul> <li>Resin black (standard), 1000 prints</li> <li>EZ only:</li> <li>Full-color with resin black and overlay panel, YMCKO*, 250 prints</li> <li>Full-color half-panel with resin black and overlay panel, YMCKOK*, 350 prints</li> <li>Full-color with two resin black panels and overlay panel, YMCKOK*, 200 prints</li> <li>Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 200 prints</li> <li>Full-color with fluorescing, two resin black panels and overlay panel, YMCFKO*, 175 prints</li> <li>Full-color with fluorescing, two resin black panels and overlay panel, YMCFKO*, 175 prints</li> <li>Resin black and overlay panel, BO*, 500 prints</li> <li>Dye-sublimation black and overlay panel, BO*, 500 prints</li> <li>Resin green, blue, red, white, silver, gold, 1000 prints</li> <li>Resin silver and gold metallic, 500 prints</li> </ul>
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       Print only: 0.09° - 0.40° / 9 mil - 40 mil / .229 mm - 1.016 mm; print / lamination: .030° - 0.40° / 30 mil - 40 mil / .762 mm - 1.02         Accepted Card Types       Finish; rewrite       PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards, optical memory cards with input Hopper Card Capacity       Dual-input card hopper (200 cards)         Output Hopper Card Capacity       Up to 100 cards (030° / .762 mm) - same-side input / output card hopper or lamination module required         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) / MAC 05 X ND_5/10.6/10.7/10.8 / Linux***         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 450 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2° D / 249 mm H x 450 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2° D / 249 mm H x 450 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2° D / 249 mm H x 450 mm W x 234 mm D         Print	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 / lamination: .030"040" / 30 mil - 40 mil / .752 mm - 1.02         Accepted Card Types       FVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with finish; rewrite         Input Hopper Card Capacity       Up to 100 cards (.030" / .752 mm) - same-side input / output card hopper or lamination module required         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) / MAC OS X 10.5/10.6/10.7/10.8 / Linux***         Usb 2.0 and Ethernet with internal print server         Operating Temperature       65* to 80" F / 1% to 27" C         Humidity       20-80% non-condensing         Single-sided printer: 98" H x 18.1" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 m	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       PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards withinsh; rewrite         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)         Software Driver       Kack Cord Cleaning         Memory       32 MB RAM         Software Driver       Windows' XP / Windows Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit)/         MAC OS X 105/106/10/7/08 / Linux***       Windows' XP / Windows Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit)/         MAC OS X 105/106/10/7/08 / Linux***       Windows' XP / Windows Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit)/         Mac OS X 105/106/10/7/08 / Linux***       Windows' XP / Windows Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit)/         Mac OS X 105/106/10/7/108 / Linux***       Windows' XP / Windows' 20 / 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit)/         Mac OS X 105/10/6/10/7/108 / Linux***       Windows' XP / Windows' 20 / 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit)/         Mac OS X 105/10/6/10/7/108 / Linux***       Windows' XP / Xindows' 20 / 249 mm H x 4450 mm W x 234 mm D         Dimensions       Signel=sided printer: 98 ' H x 1817' W x 9	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 Types       finish; rewrite         Input Hopper Card Capacity       Dual-input card hopper (200 cards)         Output Hopper Card Capacity       Up to 100 cards (0.30" / .762 mm)         Reject Hopper Card Capacity       Up to 100 cards (0.30" / .762 mm) - same-side input / output card hopper or lamination module required         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 / 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 / Linux***         Interface       USB 2.0 and Ethernet with internal print server         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 450 mm W x 234 mm D         Dual-sided printer: 9.8" H x 18.7" W x 9.2" D / 249 mm H x 425 mm W x 234 mm D         Putiert + lam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Putiert + lam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Putiert + lam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Putiert + lam: 18.9" 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         Dimension       Singl	Accepted Card Thickness	Print only: .009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm; print / lamination: .030"040" / 30 mil - 40 mil / .762 mm - 1.02 mm
Output Hopper Card Capacity         Up to 100 cards (030 <sup>-7</sup> /.762 mm)           Reject Hopper Card Capacity         Up to 100 cards (030 <sup>-7</sup> /.762 mm) - same-side input / output card hopper or lamination module required           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 / 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 / Linux***           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 18.7' W x 9.2'' D / 249 mm H x 450 mm W x 234 mm D           Dual-sided printer: 9.8' H x 18.7' W x 9.2'' D / 249 mm H x 450 mm W x 234 mm D           Printer + Iam: 18.9' H x 18.7' W x 9.2'' D / 480 mm H x 475 mm W x 234 mm D           Single-sided printer: 91bs / 4.1 Kg; dual-sided printer: 11bs / 5 Kg; printer + Iam: 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           Environmental Features         All configurations without a lamination module are ENERGY STAR* qualified printers           Supply Voltage         100-240 Vac, 50-60Hz, 1.6 Amps max           Supply Voltage </th <th>Accepted Card Types</th> <th>PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; rewrite</th>	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
Reject Hopper Card Capacity       Up to 100 cards (030° / .762 mm) - same-side input / output card hopper or lamination module required         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 / Windows Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / Windows' 8 (32 bit & 64 bit) / MAC 05 X 10.5/10.6/10.7/10.8 / Linux***         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 18.7° W x 9.2° D / 249 mm H x 450 mm W x 234 mm D       Dual-sided printer: 9.8° H x 18.7° W x 9.2° D / 440 mm H x 475 mm W x 234 mm D         Dimensions       Single-sided printer: 9.8° H x 18.7° W x 9.2° D / 440 mm H x 475 mm W x 234 mm D       Printer + 1am: 18.9° H x 18.7° W x 9.2° D / 440 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 / 480 mm H x 475 mm W x 234 mm D       Printer + 1am: 18.9° H x 18.7° W x 9.2° D / 480 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 / 480 mm H x 475 mm W x 234 mm D       Printer + 1am: 18.9° H x 18.7° W x 9.2° D / 480 mm H x 475 mm W x 234 mm D         Dual-sided printer: 9.8° H x 18.7° W x 9.2° D / 480 mm H x 475 mm W x 234 mm D       Printer + 1am: 18.9° H x 18.7° W x 9.2° D / 480 mm H x 475 mm W x 234 mm D	Input Hopper Card Capacity	Dual-input card hopper (200 cards)
Card Cleaning       Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change         32 MB RAM       32 MB RAM         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 / Linux***         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       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         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         Dual-sided printer: 9.8'' H x 18.7'' W x 9.2'' D / 480 mm H x 475 mm W x 234 mm D         Printer + 1am: 18.9'' H x 18.7'' W x 9.2'' D / 480 mm H x 475 mm W x 234 mm D         Weight       Single-sided printer: 9.8'' A 11 Kg; dual-sided printer: 111bs / 5 Kg; printer + 1am: 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         Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         Supply Voltage       100-240Vac; 50-60Hz, 16 Amps max         Supported smart card and magneti	Output Hopper Card Capacity	Up to 100 cards (.030" / .762 mm)
Memory       32 MB RAM         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 / Linux***         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         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         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Weight       Single-sided printer: 91bs / 4.1 Kg; dual-sided printer: 11bs / 5 Kg; printer + Iam: 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         Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         Supply Voltage       100-240Vac, 50-60Hz, 16 Amps max         Supply Frequency       50 Hz / 60 Hz         Warranty       Printer - three years; printhead - three years, unlimited pass with UltraCard'         Supported smart card and magnetic stripte technologies:       EN LID Prox	Reject Hopper Card Capacity	Up to 100 cards (.030" / .762 mm) - same-side input / output card hopper or lamination module required
Software Driver       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 / Linux***         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       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         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Single-sided printer: 91bs / 4.1 Kg; dual-sided printer: 11lbs / 5 Kg; printer + Iam: 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         Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         Supply Voltage       100-240Vac, 50-60Hz, 16 Amps max         Supported smart card and magnetic stripe technologies:       25 KHz (HD Prox) reader; 1356 MHz (CLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire*, MIFARE         Encoding Options       Supported Ac	Card Cleaning	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Software Drivers       MAC OS X 10.5/10.6/10.7/10.8 / Linux***         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 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 Printer + Iam: 18.9" 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         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9" 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         Printer + Iam: 18.9" 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         Obcassing       Single-sided printer: 9.8" (L 480 mm H x 475 mm W x 234 mm D)         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D         Dimensions       Supply Voltage         100-240 Vac, 50-60 Hz       FOC Class A, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KC         Supply Frequency       Sol Hz / 60 Hz       Suported smart card and magnetic stripe technologies:	Memory	32 MB RAM
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         Dumensions       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         Puinter + Iam: 18.9″ H x 18.7″ W x 9.2″ D / 480 mm H x 475 mm W x 234 mm D         Printer + Iam: 18.9″ H x 18.7″ W x 9.2″ D / 480 mm H x 475 mm W x 234 mm D         Weight       Single-sided printer: 91bs / 4.1 Kg; dual-sided printer: 11bs / 5 Kg; printer + Iam: 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         Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         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         Encoding Options       Supported Access control       ICLASS* Standard/SE/SP./Seos MIEAPE DESEire* EVI. HID Prox	Software Drivers	
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 Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Weight       Single-sided printer: 91bs / 4.1 Kg; dual-sided printer: 111bs / 5 Kg; printer + Iam: 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         Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         Supply Voltage       100-240Vac, 50-60Hz, 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 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 mm in, 2 and 3         Supported Access Control       icl ASS* Standard/SE/SR/Seos MIEAPE DESEire* EVI, HID Prox	Interface	USB 2.0 and Ethernet with internal print server
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         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D         Weight       Single-sided printer: 918 / 4.1 Kg; dual-sided printer: 111bs / 5 Kg; printer + Iam: 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         Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         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 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 mm microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit 1, 2 and 3         Supported Access Control       icl ASS* Standard/SE/SP/Seos MIEAPE DESEire* EV1. HID Prox	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         Printer + Iam: 18.9" H x 18.7" W x 9.2" D / 480 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 + Iam: 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         Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         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 DESFire*, MIFARE         Encoding Options       Supported smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit 1, 2 and 3         Supported Access Control       icl ASS* Standard/SE/SR/Seos, MIFARE DESFire*, EVI, HID Prox	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       All configurations without a lamination module are ENERGY STAR* qualified printers         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 DESFire*, MIFARE         Encoding Options       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 mmicroprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit 1, 2 and 3         Supported Access Control       icL ASS* Standard/SE/SR/Seos, MIFARE DESFire*, EV1, HID Prov	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
Environmental Features       All configurations without a lamination module are ENERGY STAR* qualified printers         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 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 mm microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit 1, 2 and 3         Supported Access Control       icl ASS* Standard/SE/SR/Seos, MIEARE Classic*, MIEARE DESFire*, EV1, HID Prox	Weight	Single-sided printer: 9lbs / 4.1 Kg; dual-sided printer: 11lbs / 5 Kg; printer + Iam: 20 lbs / 9.1 Kg
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 <sup>®</sup> 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 EVI, SIO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7816 1/2/3/4 mm incroprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit 1, 2 and 3         Supported Access Control       icl ASS* Standard/SE/SR/Seos, MIEAPE DESFire* EVIL HID Prox	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         50 Hz / 60 Hz           Warranty         Printer - three years; printhead - three years, unlimited pass with UltraCard <sup>®</sup> 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 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 mm microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit 1, 2 and 3           Supported Access Control         icl ASS* Standard/SE/SR/Seos, MIFARE DESFire* EV1 HID Prox	Environmental Features	All configurations without a lamination module are ENERGY STAR* qualified printers
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           Encoding Options         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 mm           Supported Access Control         ICLASS* Standard/SE/SR/Seos, MIFARE Plus*, MIFARE DESFire*, MIFARE	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         Encoding Options       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 mm         microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit         1, 2 and 3         Supported Access Control	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         Encoding Options       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 microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivit         Supported Access Control       icLASS* Standard/SE/SR/Seos, MIFARE DESFire* EV1, HID Prox.	Warranty	Printer - three years; printhead - three years, unlimited pass with UltraCard
	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
	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); 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 <sup>™</sup> embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching	Software	Swift ID <sup>™</sup> embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching
Display User friendly, SmartScreen <sup>®</sup> graphical display	Display	User friendly, SmartScreen <sup>™</sup> graphical display
Printer Security Printer access password protected	Printer Security	Printer access password protected



Learn about HID Global's green initiative @ hidglobal.com/green

North America: +1 949 732 2000 Toll Free: 1 800 237 7769 Europe, Middle East, Africa: +44 1440 714 850 Asia Pacific: +852 3160 9800 Latin America: +52 55 5081 1670

#### ASSA ABLOY An ASSA ABLOY Group brand

sublimation black

© 2013 HID Global Corporation/ASSA ABLOY AB. All rights reserved. HID, HID Global, the HID Blue Brick logo, the Chain Design and Ultracard, Swift ID, SmartScreen, MIFARE Plus, MIFARE DESfire, iCLASS and FARGO are trademarks or registered trademarks of HID Global or its licensor(s)/ supplier(s) in the US and other countries and may not be used without permission. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. 2013-10-24-fargo-dtc4250e-printer-ds-en PLT-01775

\* 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

\*\* 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