





DIRECT-TO-CARD PRINTER

- **Highly versatile** Powerful printing in a modular and scalable design that simplifies equipment upgrades and migration to higher levels of security
- **Easy-to-use** Efficient setup, supplies loading and printing with all-in-one print ribbon and card cleaning cartridge and SmartScreen™ graphical display
- Enhanced security 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

The DTC4000 not only meets current needs, it also scales to meet future requirements with optional fieldupgradeable modules:

- Dual-sided printing module provides more space for cardholder information and security features like duplicate photo and digital signature.
- Optional same-side input/output card hopper and movable SmartScreen™ graphical display help fit the printer into tight spaces.
- Dual-input card hopper holds 200 cards for higher capacity printing and encoding.
- Optional Ethernet connectivity allows for remote printer sharing by many users.
- Technology card encoding modules for magnetic stripe, proximity, contact (factory upgrade) and/or contactless technology cards, such as iCLASS*, enable access control and other applications.

Designed for medium-sized businesses, schools and local government institutions seeking versatility in a convenient, professional and secure printer/encoder system, the DTC4000 is ideal for flexible, easy and reliable color printing and encoding of technology cards.

The DTC4000 combines versatility with simplicity to easily print what you need including:

- Sleek design with changeable footprint can accommodate office environments where space is an issue.
- 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.

- Industry's first inline card printing and technology card encoding with one connection using USB or optional Ethernet connectivity.
- Fully compatible with Asure ID® card personalization software for badge design, database management and technology card encoding.

The FARGO® DTC4000 is built with Genuine HID™ technology and is fully interoperable with other products in the HID ecosystem, enabling organizations to leverage their existing HID technology investments.

SPECIFICATIONS

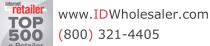


Print Area CR-80 edge-to-edge (3.36° L x 2.11° W / 85.3 mm L x 53.7 mm W): R79 (3.3° L x 2.04° W / 83.8 mm L x 51.8 mm W) Accepted Card Thickness Accepted Card Types PVC or pollyester cards with polished PVC finish; monochrome resin required for100% polyester cards; optical memory car with PVC finish; 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) Salb RAM Software Drivers Interface Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20 - 80% non-condensing Dimensions Weight Agency Listings Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: PCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC Environmental Features Supply Vortage Varranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 25 kHz (HiD Prox) reader; 13.5 kM Hz (CLASS) MiFARE, ISO 14443 A/B, ISO 15693) read/write encoder; Context Smart Card Card Encoding Options Context Single-Sided Printer - 80 may be supply Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 25 kHz (HiD Prox) reader; 13.56 MHz (CLASS) MiFARE, ISO 14443 A/B, ISO 15693) read/write encoder; Context Smart Card Card Encoding Options Options Options Software Display User friendly, SmartScreen® graphical display		
Colors Up to 16.7 million / 256 shades per pixel Pill-color with resis black and overlay panel, YMCKO*, 250 prints Pull-color with resis black and overlay panel, YMCKO*, 350 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 350 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 350 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 200 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 200 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 200 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 200 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 200 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 200 prints Pull-color with fursescing, resis black and overlay panel, YMCKO*, 200 prints Reviral black (standard and premium), 1000 prints Reviral black (standard standard and premium), 1000 prints Re	Print Method	Dye-Sublimation / Resin Thermal Transfer
Print Ribbon Options	Resolution	300 dpi (11.8 dots/mm) continuous tone
Print Ribbon Options Print Rib	Colors	Up to 16.7 million / 256 shades per pixel
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 (3.315" L x 2.063" W / 84.1 mm L x 52.4 mm V Print Area Accepted Card Thickness Open - 0.40" / 9 mil - 40 mil / .229 mm - 1.016 mm Accepted Card Types Input Hopper Card Capacity Output Hopper Card Capacity Up to 100 cards (0.30" / .762 mm) Reject Hopper Card Capacity Up to 100 cards (0.30" / .762 mm) Reject Hopper Card Capacity Up to 100 cards (0.30" / .762 mm) Software Drivers Interface Openating Temperature 65" to 80" F / 18" to 27" C Hundidty Dimensions Dimensions Dimensions Single-Sided Printer: 9.8" H x 1.76" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 1.76" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 1.76" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 1.76" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 1.76" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 1.76" W x 9.2" D / 249 mm H x 455 mm W x 234 mm D Weight Agency Listings Agency Listings Safety: Ul. 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSM, KCC Environmental Features Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard" Encoding Options Agency Listings Options Options	Print Ribbon Options	 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 black (standard and premium), 1000 prints Resin green, blue, red, white, silver and gold, 1000 prints
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 O.09" - 0.40" / 9 mil - 4.00 mm / 1.208 mm W) Accepted Card Types PVC or polyester cards with polished PVC finish; monochrome resin required for100% polyester cards; optical memory car with PVC finish; rewrite Input Hopper Card Capacity Output Hopper Card Capacity Up to 100 cards (0.30" / 762 mm) Output Hopper Card Capacity Card Cleaning Wemory Say BM RAM Software Drives Windows' XP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / MAC OS X 10.5/10.6 / Linux*** USB 2.0, optional Ethernet with internal print server Operating Temperature Operating Temperature 65" to 80" F / 18" to 27" C Humidity Dian-Sidded Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dian-Sidded Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dian-Sidded Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Safety. UL 60950-1. CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, 85MI, KCC Environmental Features Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Printer - Two	Print Speed**	7 seconds per card (K*); 12 seconds per card (KO*); 24 seconds per card (YMCKO*); 31 seconds per card (YMCKOK*)
Accepted Card Thickness Co.P.79 (3.3" L x 2.04" W / 83.8 mm L x 51.8 mm W) Accepted Card Thickness Co.90" - O.40" / 9 mil - 40 mil / .229 mm - 1.016 mm PVC or polyvester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory car with PVC finish; rewrite Input Hopper Card Capacity Vo cards (.030" / .762 mm) Output Hopper Card Capacity Up to 100 cards (.030" / .762 mm) - same-side input/output card hopper 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 YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows YP / Vista" (32 bit & 64 bit / Vi	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 for100% polyester cards; optical memory car with PVC finish; rewrite 100 cards (030" / 762 mm)	Print Area	
Input Hopper Card Capacity Input Hopper Card Capacity 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 required Card Cleaning Memory Za MB RAM Za MB RAM Software Drivers Windows' XP / Vista" (32 bit 8 64 bit) / Server 2003 & 2008 / Windows' 7 / MAC OS X 10.5/10.6 / Linux*** UsB 2.0, optional Ethernet with internal print server Operating Temperature Operating Temperature Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dimensions Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Dula-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Dula-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 457 mm W x 234 mm D Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC Environmental Features Supply Voltage Supply Voltage Supply Voltage Supply Frequency So Hz / 60 Hz Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Zs KHZ (HID Prox) reader; 13.56 MHz (ICLASS', MIFARE', ISO 14443 A/B, ISO 15693) read/write encoder; Contact Smart Card Encoding (note: single wire Ethernet encoding is only available for iCLASS' and contact 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for ICLASS' and contact smart card encoding); Dual-Sided Printer Cleaning Kir; Ethernet with Internal Print Server - Upgradeable; Same-Side Input/Output Card Hopper (200 cards) - Upgradeable; Server Proprietary Consumables Syster Software Swift ID* Embedded Badging Application, FARGO' Workbench Diagnosis Utility User friendly, SmartScreen* graphical display	Accepted Card Thickness	.009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm
Output Hopper Card Capacity Up to 100 cards (0.30° / .762 mm) - same-side input/output card hopper 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 / Vista* (32 bit & 64 bit) / Server 2003 & 2008 / Windows* 7 / MAC OS X 10.5/10.6 / Linux*** Interface USB 2.0, optional Ethernet with internal print server Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20 - 80% non-condensing Dimensions Single-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 460 mm W x 234 mm D Weight Single-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Busingle-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Busingle-Sided Printer: 9.8* H x 17.6* W x 9.2* D / 249 mm H x 475 mm W x 234 mm D Weight Single-Wise All Sided Printer: 9.8* H x 17.6*	Accepted Card Types	PVC or polyester cards with polished PVC finish; monochrome resin required for100% polyester cards; optical memory cards with PVC finish; rewrite
Reject Hopper Card Capacity Card Cleaning Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory Software Drivers Windows* XP / Vista* (32 bit & 64 bit) / Server 2003 & 2008 / Windows* XP / Vista* (32 bit & 64 bit) / Server 2003 & 2008 / Windows* XP / MAC OS X 10.5/10.6 / Linux*** Interface Operating Temperature 65° to 80° F / 18° to 27° c Humidity 20 - 80% non-condensing Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dial-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided: 8 lbs. / 3.63 kg; Dual-Sided: 10 lbs / 4.54 kg Agency Listings Environmental Features Supply Voltage Supply Frequency 50 Hz / 60 Hz Warrarty Finceding Options 215 kHz (HID Prox) reader; 13.56 MHz (ICLASS*, MIFARE*, 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for ICLASS* and-sont-stract sard encoding); Dual-Sided Procedure Logradeable; Polar-liquot Card Hopper (200 cards) - Upgradeable; Secure Proprietary Consumables System Display User friendly, SmartScreen* graphical display	Input Hopper Card Capacity	100 cards (.030" / .762 mm)
Card Cleaning Memory 32 MB RAM Software Drivers Interface USB 2.0, optional Ethernet with internal print server Operating Temperature 65° to 80° F / 18° to 27° C Humidity Dimensions Wingle-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC Environmental Features Supply Voltage Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard ¹⁰⁰ 125 kHz (HDI Prox) reader; 13.56 MHz (ICLASS); MIFARE*; 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding in Contact Smart Card Encoding - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Scure Proprietary Consumables Syster Software Swift ID" Embedded Badging Application, FARGO Workbench Diagnosis Utility User friendly, SmartScreen graphical display	Output Hopper Card Capacity	Up to 100 cards (.030" / .762 mm)
Memory 32 MB RAM	Reject Hopper Card Capacity	Up to 100 cards (.030" / .762 mm) - same-side input/output card hopper required
Software Drivers Windows' XP / Vista" (32 bit & 64 bit) / Server 2003 & 2008 / Windows' 7 / MAC OS X 10.5/10.6 / Linux*** Interface USB 2.0, optional Ethernet with internal print server Operating Temperature 65° to 80° F / 18° to 27° C Hundidy 20 - 80% non-condensing Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided: 8 lbs. / 3.63 kg; Dual-Sided: 10 lbs / 4.54 kg Agency Listings Safety: UL 60950-1, C5A C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC Environmental Features ENERGY STAR* qualified printer Supply Voltage 100-240 VAC, 3.3 A Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard** Encoding Options 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 Single Wire Ethernet and USB 2.0 interface for inline printing and Options Opti	Card Cleaning	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Interface USB 2.0, optional Ethernet with internal print server Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20 - 80% non-condensing Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided: 8 lbs. / 3.63 kg; Dual-Sided: 10 lbs / 4.54 kg Agency Listings Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC Environmental Features Supply Voltage ENERGY STAR* qualified printer Supply Frequency 50 Hz / 60 Hz Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS', MIFARE', 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS' and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Ontactless Smart Card Encoding - 1 Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Ontactless Smart Card Encoding - 1 Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Ontactless Smart Card Encoding - 1 Upgradeable; Same-Side Input/Output Card Hopper - Upgradea	Memory	32 MB RAM
Operating Temperature Humidity 20 - 80% non-condensing Dimensions Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided 8 lbs. / 3.63 kg; Dual-Sided: 10 lbs / 4.54 kg Agency Listings CCC, BSMI, KCC Environmental Features Supply Voltage Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ Encoding Options Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS', MIFARE', ISO 14443 A/B, ISO 15693) read/write encoder; Contact Smart Card Encoder reads from and writes to all ISO/7816 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS' and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contacttess Smart Card Encoding - Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Dual-Sided Pr Module - Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables Syster Software Display User friendly, SmartScreen® graphical display	Software Drivers	
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Dimensions Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D	Operating Temperature	65° to 80° F / 18° to 27° C
Weight Single-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Weight Single-Sided: 8 lbs. / 3.63 kg; Dual-Sided: 10 lbs / 4.54 Kg Agency Listings Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC Environmental Features ENERGY STAR* qualified printer Supply Voltage 100-240 VAC, 3.3 A Supply Frequency 50 Hz / 60 Hz Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ Encoding Options 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS*, MIFARE*, ISO 14443 A/B, ISO 15693) read/write encoder; Contact Smart Card Encoder reads from and writes to all ISO/7816 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encodin Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables Syster Software Display User friendly, SmartScreen* graphical display	Humidity	20 - 80% non-condensing
Agency Listings Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC Environmental Features ENERGY STAR* qualified printer 100-240 VAC, 3.3 A Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS*, MIFARE*, 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Ontactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encoding Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables Syster Software Swift ID* Embedded Badging Application, FARGO* Workbench Diagnosis Utility User friendly, SmartScreen* graphical display	Dimensions	
Environmental Features ENERGY STAR* qualified printer Supply Voltage 100-240 VAC, 3.3 A Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS*, MIFARE*, 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Module - Upgradeable; Printer Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade, Magnetic Stripe Encoding Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables Syster Software Swift ID* Embedded Badging Application, FARGO* Workbench Diagnosis Utility User friendly, SmartScreen* graphical display	Weight	Single-Sided: 8 lbs. / 3.63 kg; Dual-Sided: 10 lbs / 4.54 Kg
Supply Voltage 100-240 VAC, 3.3 A Supply Frequency 50 Hz / 60 Hz Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS*, MIFARE*, 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encoding Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables Syster Software Swift ID* Embedded Badging Application, FARGO* Workbench Diagnosis Utility User friendly, SmartScreen* graphical display	Agency Listings	
Supply Frequency Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS*, MIFARE*, 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encodin Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables System Software Swift ID* Embedded Badging Application, FARGO* Workbench Diagnosis Utility User friendly, SmartScreen** graphical display	Environmental Features	ENERGY STAR® qualified printer
Warranty Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™ 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS*, MIFARE*, 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encoding Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables System Software Swift ID* Embedded Badging Application, FARGO* Workbench Diagnosis Utility User friendly, SmartScreen** graphical display	Supply Voltage	100-240 VAC, 3.3 A
125 kHz (HID Prox) reader; 13.56 MHz (iCLASS*, MIFARE*, 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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS* and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encodin Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables Syster Software Swift ID** Embedded Badging Application, FARGO** Workbench Diagnosis Utility User friendly, SmartScreen** graphical display	Supply Frequency	50 Hz / 60 Hz
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 Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS' and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encoding Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables System Software Swift ID** Embedded Badging Application, FARGO** Workbench Diagnosis Utility User friendly, SmartScreen** graphical display	Warranty	Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™
encoding (note: single wire Ethernet encoding is only available for iCLASS' and contact smart card encoding); Dual-Sided Pr Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgrade Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encodin Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables Syster Software Swift ID" Embedded Badging Application, FARGO' Workbench Diagnosis Utility User friendly, SmartScreen" graphical display	Encoding Options	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
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* and contact smart card encoding); Dual-Sided Printing Module - Upgradeable; Dual-Input Card Hopper (200 cards) - Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encoding - Upgradeable; Printer Cleaning Kit; Ethernet with Internal Print Server - Upgradeable; Secure Proprietary Consumables System
	Software	Swift ID™ Embedded Badging Application, FARGO® Workbench Diagnosis Utility
Deinter County Drinter access passured protected Konsington 11-11-1-1-11-11-11-11-11-11-11-11-11-11	Display	User friendly, SmartScreen™ graphical display
Printer security Printer access password protected; Kensington lock compatibility	Printer Security	Printer access password protected; Kensington' lock compatibility





- * Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, O=Overlay, B=Dye Sublimation Black.
- ** Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the CPU, amount of RAM and the amount of available resources at the time of the print.
- ***Linux versions: Ubuntu 8.04/9.04, Red Hat 5, Fedora 7/8/9/10/11, Open Suse 10.3, Debian 5.03/5.04, Mandiva one 2009



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