CARD PRINTING & ENCODING





OPTIONAL FEATURES:

- Built-in dual-side printing can be activated with the simple use of an RFID tag making after-purchase upgrades virtually effortless.
- Card lamination module for applying overlaminates to produce highly secure and durable cards.
- 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 magnetic stripe and proximity cards as needed.
- A Wi-Fi[®] accessory allows you to conveniently print anywhere, anytime.

DIRECT-TO-CARD PRINTER

- Innovative, built-in security features Easy-to-implement security features such as resin scramble data protection and custom overlay watermark come standard on every unit.
- Low-cost, high-capacity consumables High-capacity, full and half-panel color ribbons significantly lower cost-per-card and reduce total cost of ownership.
- Highly versatile Powerful printing in a modular, scalable design that simplifies in-field equipment upgrades and migration to higher levels of security.
- Earth friendly GreenCircle[®] Certified for efficient energy consumption and eco-friendly (ECO) refill ribbons.

The DTC1500 x_E offers the convenience and lower cost of high-capacity consumables along with a comprehensive feature set and innovative, easy-to-implement security elements – enabling organizations to routinely issue highly secure cards and IDs at a fraction of the cost without sacrificing quality.

Designed for government ID projects, universities and colleges, K-12 schools, healthcare facilities, and small-to-medium corporations, the DTC1500xE boasts of distinctive security features ideal for these organizations. A built-in, custom watermark overlay function allows for the application of a customized transparent security image such as a logo, symbol, or text - to be integrated as a permanent watermark within the printed card's overlay panel - making duplication virtually impossible. The DTC1500xE custom watermark provides organizations with a cost-efficient way to significantly increase card security and thwart wouldbe counterfeiters without additional investment in holographic overlaminates or foil cards.

The DTC1500 x_E also comes equipped with a unique resin scramble data protection feature – providing an additional layer of security by hiding any information printed with a resin panel – rendering the panel unreadable. Standard password protection and AES 256 data encryption provide additional peace of mind.

Beyond robust security, the DTC1500xE offers innovative printing features such as resin threshold. Resin threshold allows for true "K-panel" printing when desired by allowing printer operators to manually set and adjust precisely when the resin K panel is utilized based on color concentration. As a result, text and barcodes are darker and more crisply defined.

What's more, built-in dual-side printing can be activated with the simple use of an RFID tag making after-purchase upgrades virtually effortless. Due to its modular, scalable design - optional lamination or encoding modules can also be added at any time. Security, lower cost, innovation, and versatility - it all comes standard with the DTC1500xE.



ADDITIONAL PRODUCT FEATURES

- Custom watermark overlay and resin scramble data protection
 Password-protected printer operation and AES data encryption
- High-capacity ribbon consumables
- Resin threshold
- Built-in Ethernet and USB connection for centralized or remote ID card issuance. (Note: Ethernet optional on BIS-certified units)
- FARGO[®] Workbench[™] diagnostic utility for printer maintenance facilitation, including Color Assist[™] spot-color matching
- Interoperable with Asure ID* card personalization software for badge design, database management and technology card encoding

ENCODING OPTIONS (Supported smart card and magnetic stripe technologies):

- 125kHz (HID PROX) reader
- 13.56 MHz (iCLASS Standard/SE/SR/Seos, MIFARE Classic, MIFARE Plus, MIFARE DESFire, MIFARE DESFire EV1, 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

SPECIFICATIONS

Print Rehoted Dye sublimation / Resin thermal transfer Resolution Ood op(11G) 405(shades per pixel Open Sublimation / 255 shades per pixel Wide array of ECO-Infendly, high-capacity print inform Kin YMCKOY KOD Luminate patch options from full card coverage and half Print Ribbon Options Full-color with two resin black and overlay panel, YMCKOY, 700 prints Full-color with two resin black panels and overlay panel, YMCKOY, 600 prints Pull-color with two resin black panels and overlay panel, YMCKOY, 70, 600 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY, 500 prints Pull-color half-panel with two resin black panels and overlay panel, YMCKOY, 70, 700 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY, 500 prints Resin black, X, 3000 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY, 500 prints Resin black, X, 3000 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY, 500 prints Resol paster Large with panel with two resin black panels and overlay panel, YMCKOY, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY, 500 prints Resol paster Large with set two resin black panels and overlay panel, YMCKOY, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY, 500 prints Resol paster Large with part two resin black panels and overlay panel, YMCKOY, 500 prints		
Colors Up to 167 million / 256 shades per pixel Wide array of ECO-finandi, hypot-papacity print ribbons from K to VMCKOKO, Laminate patch options from full card coverage and half parel polyster overfaminates to oft-the-shaft and fully cutoron holographic overfaminates are available. Available print ribbons include: Full-color with two resin black and overlay panel, VMCKO', 200 prints Full-color with two resin black and overlay panel, VMCKO', 500 prints Full-color half-panel with two resin black panels and overlay panel, VMCKO', 500 prints Full-color half-panel with two resin black panels and overlay panel, VMCKO', 500 prints Full-color half-panel with two resin black panels and overlay panel, VMCKO', 500 prints Full-color half-panel with two resin black panels and overlay panels, VMCKOKO', 500 prints Full-color half-panel with two resin black panels and overlay panels, VMCKOKO', 500 prints Full-color half-panel with two resin black panels and overlay panel, VMCKO', 500 prints Full-color half-panel with two resin black panels and overlay panel, VMCKOKO', 500 prints Full-color half-panel with two resin black panels with VCRO', 24 seconds per card (WMCKO') Accepted Card Thickness Odog' - 0.40' / 9 mil -40 mil / .229 mm -1.106 mm PVC or polysteer cards with polybed PVC finish: monochrome resin required for 100% polyseter cards; optical memory cards with PVC finish: rewrite Dio cards (.030' / .762 mm) Output Hopper Card Capacity Us to 0 cards (.030' / .727 mm) Card Cleaning Edd Cleaning Toler integrated into ribbon cartridge: cleaning roller is automatically replaced with each ribbon chan	Print Method	Dye Sublimation / Resin thermal transfer
Wide array of ECO-freedul, high-capacity print ribbons from K to YMCKKOC, torverlaminate patch options from full card overrage and half. Print Ribbon Options • Full-color with resin black and overlay panel, YMCKO', 500 prints • Full-color with two resin black panels and overlay panel, YMCKO', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKO', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK', 500 prints • Full-color half-panel with two resin black panels and overlay panel, YMCKOK',	Resolution	300 dpi (11.8 dots/mm) continuous tone
panel polyester overlaminates to off-the-shelf and fully custom holographic overlaminates are available. Available print ribbions include: Print Ribbo Options Full-color with two resin black panels and overlay panel, YMCKK', 500 prints Full-color with two resin black panels and overlay panel, YMCKK', 500 prints Full-color with two resin black panels and overlay panel, YMCKK', 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKK', 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKK', 500 prints Accepted Card Thyles Full-color half-panel with two resin black panels and overlay panel, YMCKK', 500 prints Resin black, K'; 3000 prints Fell-color half-panel with two resin black panels and overlay panel, YMCKK', 500 prints Accepted Card Thyles CR80 0.337 L x 215W / 85.5 mm L x 53.7 mm W); CR-79 (3.3" L x 2.04" W / 83.8 mm L x 52.4 mm W) Accepted Card Thyles OV0* - 0.40' - 0.40' - 0.40' / 36.2' X 2.1'W / 85.5 mm L x 53.7 mm W); CR-79 (3.3" L x 2.04" W / 83.8 mm L x 53.8 mm W) Accepted Card Thyles OV0* - 0.40' - 1.40' / 32.2' Z 2 mm - 10.10 mm Accepted Card Thyles Uo cards (0.30' / 76.2 mm) Output Hopper Card Capacity Uo cards (0.30' / 76.2 mm) Output Hopper Card Capacity Uio Cards, (0.30' / 78.2 mm) Output Hopper Card Capacity Uio Cards, (0.30' / 78.2 mm) Output Hopper Card Capacity Uin Downs' 7.8,	Colors	Up to 16.7 million / 256 shades per pixel
Accepted Standard Card Size CR-80 (3.375" L x 2125" W / 85.6 mm L x 54 mm W); CR-79 (3.313" L x 2.063" W / 84.1 mm L x 52.4 mm W) Print Area CR-80 edge-to-edge (3.56" L x 2.11" W / 85.3 mm L x 53.7 mm W); CR-79 (3.31" L x 2.04" W / 83.8 mm L x 51.8 mm W) Accepted Card Thickness 0.00" - 0.00" / 9 mil - 40" PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; rewrite Input Hopper Card Capacity Up to 100 cards (0.30" / 7.62 mm) Output Hopper Card Capacity Up to 100 cards (0.30" / 7.62 mm) Card Cleaning Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Software Drivers Windows* 7, 8, 81 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface UB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65" to 80" F / 18" to 27" C Humidity 20-80% non-condensing Printer: 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer: 18.7" W x 9.2" D / 240 mm H x 475 mm W x 234 mm D Printer: 18.5" H x 18.7" W x 9.2" D / 240 mm H x 475 mm W x 234 mm D Printer: 18.5" A to 7.0" X 9.2" D / 240 mm H x 475 mm W x 234 mm D Printer: 18.5" (A	Print Ribbon Options	 panel polyester overlaminates to off-the-shelf and fully custom holographic overlaminates are available. Available print ribbons include: Full-color with resin black and overlay panel, YMCKO*, 700 prints Full-color with two resin black panels and overlay panel, YMCKOK*, 600 prints Full-color with two resin black panels, YMCKK*, 500 prints Full-color half-panel with resin black and overlay panel, YMCKO*, 850 prints Full-color half-panel with two resin black panels and overlay panel, YMCKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOK*, 500 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 Thickess 0.09° - 0.40° / 9 mil - 40 mil / .229 mm - 1.016 mm 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 Input Hopper Card Capacity U0 00 cards (.030° / .762 mm) Output Hopper Card Capacity U0 oc cards (.030° / .762 mm) Card Cleaning Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory 32 MB RAM Software Drivers Windows* 7, 8, 81 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing 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: 20 US / 91 Kg Safety: UL 60980-2, CSA C22 2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024) Supply Volace, 50-60Hz, 16 Amps max Supply Volace, 50-60Hz, 16 Amps max Sup	Print Speed**	6 seconds per card (K*); 16 seconds per card (YMCKO*); 24 seconds per card (YMCKOK*)
Accepted Card Thickness .0.09 ⁺ - 0.40 ⁺ / 9 mil - 40 mil / .229 mm - 1.016 mm 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 Input Hopper Card Capacity 100 cards (.030 ⁺ / .762 mm) Output Hopper Card Capacity Up to 100 cards. (.030 ⁺ / .762 mm) Card Cleaning Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory 32 MB RAM Software Drivers Windows* 7. 8. 81 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65 ⁺ to 80 ⁺ F / 18 ⁺ to 27 ⁺ C Humidity 20-80% non-condensing Printer: 18 ⁺ B × 18.7 ⁺ W x 9.2 ⁺ D / 249 mm H x 475 mm W x 234 mm D Printer: 11 bis / 5 Kg Printer: 10 bis / 5 Kg Printer: 11 bis / 5 Kg Printer: 11 bis / 5 Kg Printer: 12 bis / 9 1 Kg Supply Voltage 50 Hz2 / 60 Hz Environmental Features Grencificle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required	Accepted Standard Card Sizes	CR-80 (3.375"L x 2.125"W / 85.6 mm L x 54 mm W); CR-79 (3.313" L x 2.063" W / 84.1 mm L x 52.4 mm W)
Accepted Card Types Input Hopper Card Capacity Output Hopper Card Capacity Up to 100 cards (0.30° / .762 mm) PVC or polyester cards (0.30° / .762 mm) Output Hopper Card Capacity Up to 100 cards (0.30° / .762 mm) Card Cleaning Card Cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory 32 MB RAM Software Drivers Windows* 7, 8, 81 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing Printer: 81° H x 18.7° W x 9.2° D / 249 mm H x 475 mm W x 234 mm D Printer: 98° H x 18.7° W x 9.2° D / 480 mm H x 475 mm W x 234 mm D Printer: 11bs / 5 Kig Printer: 11bs / 5 Kig Supply Voltage 00-240Vac, 50-60Hz, 16 Amps max Supply Voltage 00-240Vac, 50-60Hz, 16 Amps max Supply Prequeery S0 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Writer - three years, including three years of printer loaner support; printhead - three years, unlimited pass with UltraCard* <t< td=""><th>Print Area</th><td>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)</td></t<>	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 Lypes Finish; rewrite Input Hopper Card Capacity 100 cards (.030" / .762 mm) Output Hopper Card Capacity Up to 100 cards (.030" / .762 mm) Card Cleaning Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory 32 MB RAM Software Driver Windows" 7, 8, 81 and 10 (32 bit 8.64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing Printer + 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer + 18m: 20 Ibs / 91 Kg Printer + 18m: 20 Ibs / 91 Kg Agency Listing Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024) Supply Frequency 50 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refiliable supply cartridges (ECO), and rewrite technology - no ribbon required Warrant Printer - three years, including three years of printer loaner support; 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	Accepted Card Thickness	.009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm
Output Hopper Card Capacity Up to 100 cards. (.030" / .762 mm) Card Cleaning Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change Memory 32 MB RAM Software Drivers Windows* 7. 8, 81 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65" to 80" F / 18" to 27" C Humidity 20-80% non-condensing Dimensions Printer + 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer + 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer + 18.5" Kg Printer + 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer + 18.5" Kg Printer + 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer + 18.5" S Kg Printer + 18.5" 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) Supply Frequency 50 H2 / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refilable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; printhead - three years, unlimite	Accepted Card Types	
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' 7, 8, 8.1 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65' to 80° F / 18° to 27° C Humidity 20-80% non-condensing Printer: 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer: 11 lbs / 5 Kg Printer + 1am: 18.9" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer + 1am: 20 lbs / 9.1 Kg Supply Voltage 100-240Vac, 50-60Hz, 16 Amps max Supply Frequency 50 Hz / 60 Hz Environmental Features GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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 DESFire*, MIFARE DESFire*, MIFARE DESFire* VI SO 14443 A/8, ISO 15693) read/write encoder; contact smart cards encoding notwrites to all ISO7816 1/2/3/4 Memory and micprocessor	Input Hopper Card Capacity	100 cards (.030" / .762 mm)
Wemory 32 MB RAM Software Drivers Windows* 7, 8, 81 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80%, non-condensing Dimensions Printer: 9.8″ H x 18.7″ W x 9.2″ D / 249 mm H x 475 mm W x 234 mm D Printer : 9.8″ H x 18.7″ W x 9.2″ D / 480 mm H x 475 mm W x 234 mm D Weight Printer : 1.10s / 5 Kg Printer : 1.10	Output Hopper Card Capacity	Up to 100 cards. (.030" / .762 mm)
Software Drivers Windows* 7, 8, 8, 1 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing Dimensions Printer: 9.8" H × 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer: 9.8" H × 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer: 11 lbs / 5 Kg Printer + Iam: 8.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Weight Printer + Iam: 10 bs / 5 Kg Printer + Iam: 20 lbs / 91 Kg Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024) Supply Voltage 100-240Vac, 50-60Hz, 16 Amps max Supply Frequency 50 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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*, mart card ancoder 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, d	Card Cleaning	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Interface USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units) Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing Printer: 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer 1 lbs / 5 Kg Broins Supply Voltage 50 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iLCLASS* Standard / SE / SR / Seos*, MIFARE Diss*, MIFARE PLIS*, MIFARE DESFire* EVI, 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 sma	Memory	32 MB RAM
Operating Temperature 65° to 80° F / 18° to 27° C Humidity 20-80% non-condensing Dimensions Printer: 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer: 9.8" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer: 9.8" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer: 11bs / 5 Kg Printer: 11bs / 5 Kg Printer: 120 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) Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency 50 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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 DLSSFire*, MIFARE DESFire* WI, ISO 14443 A/B, ISO 15693) read/write encoder; 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 are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS*, MIFARE*,	Software Drivers	Windows* 7, 8, 8.1 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012
Humidity 20-80% non-condensing Dimensions Printer: 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer + lam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Weight Printer: 11 lbs / 5 Kg Printer + lam: 20 lbs / 91 Kg Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024) Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency 50 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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 DESFire*, MIFARE DESFire*, MIFARE DESFire*, VI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivity, tracks 1, 2 and 3 Options Single wire Ethernet and USB 20 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for ICLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printinty module; smart card encoding module; smart card en	Interface	USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units)
Dimensions 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 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 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) Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency 50 Hz / 60 Hz Environmental Features GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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 DESFire*, 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 (I=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-cocervity, tracks 1, 2 and 3 Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; smart card encoding modules (contac	Operating Temperature	65° to 80° F / 18° to 27° C
Dimensional Printer + lam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Weight Printer: 11 lbs / 5 Kg Printer + lam: 20 lbs / 9.1 Kg Agency Listing Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024) Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency 50 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribon required Warranty Printer - three years, including three years of printer loaner support; 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 DESFire*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card encoder reads from and writes to all ISO7861/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivity, tracks 1, 2 and 3 Options Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS*, MIFARE for and modules (contact/contactless); magnetic stripe encoding module; smart card encoding - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit secure proprietary consumables system </td <th>Humidity</th> <td>20-80% non-condensing</td>	Humidity	20-80% non-condensing
Weight Printer + lam: 20 lbs / 9.1 Kg Agency Listings Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024) Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency 50 Hz / 60 Hz Environmental Features GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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*, Grad 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 are only optional on BIS-Certified Units (note: single wire Ether- net encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless acces- sory; dual-sided printing module; 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	Dimensions	
Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency 50 Hz / 60 Hz Environmental Features GreenCircle® Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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 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 Options Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; 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	Weight	
Supply Frequency 50 Hz / 60 Hz Environmental Features GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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 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 Options Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; 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	Agency Listings	Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024)
Environmental Features GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required Warranty Printer - three years, including three years of printer loaner support; 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 DLSFire*, 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 Options Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; 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	Supply Voltage	100-240Vac, 50-60Hz, 1.6 Amps max
Environmental Features ribbon required Warranty Printer - three years, including three years of printer loaner support; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE DESFire*, MIFARE DESFire* 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 Options Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; 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	Supply Frequency	50 Hz / 60 Hz
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 Options Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wireless accessory; dual-sided printing module; 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	Environmental Features	
Encoding Options (HID Encoders) 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 Options Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ether- net encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless acces- sory; dual-sided printing module; 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	Warranty	Printer - three years, including three years of printer loaner support; printhead - three years, unlimited pass with UltraCard*
Options net encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; 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	• •	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
	Options	net encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless acces- sory; dual-sided printing module; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit
Display Color changing status buttons	Software	Swift ID™ embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching
	Display	Color changing status buttons

* Indicates the ribbon type and the number of ribbon panels printed where Y=yellow, M=magenta, C=cyan, K=resin black, O=overlay.

This product is exclusively sold and distributed through these HID resellers:

ID Wholesaler® ID Zone™ Southeast ID

hidglobal.com/xe-series

** 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.



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