



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 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 DTC1500 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 DTC1500 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 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 DTC1500 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 DTC1500.



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 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

SPECIFICATIONS

panel polyester overlaminates to off-the-shelf and fully custom holographic overlaminates are all available from HID. Available print ribbons include: Print Ribbon Options Print Ribbon Options Print Ribbon Options Print Sped** Full-color with two resin black panels and overlay panel, YMCKOY*, 500 prints Full-color with two resin black panels and overlay panel, YMCKOY*, 550 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 670 prints Full-color half-panel with two resin		
Colors Up to 16.7 million / 256 shades per pixel Wide array of ECO-friendly, high-capacity print ribbons from K to YMCKOKO. Laminate patch options from full card coverage and hal panel polysets or overlaminates to off-the-shelf and fully custom holographic overlaminates are all available from HID. Available print ribbons include: Full-color with two resin black panels and overlay panel, YMCKO*, 500 prints Full-color with two resin black panels and overlay panel, YMCKO*, 500 prints Full-color with two resin black panels and overlay panel, YMCKO*, 850 prints Full-color half-panel with two resin black and overlay panel, YMCKO*, 850 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOKO*, 500 prints Full-color half-panel with two	Print Method	Dye Sublimation / Resin thermal transfer
Wide array of ECO-friendly, high-capacity print ribbons from K to YMCKOKO. Laminate patch options from full card coverage and hal panel polyester overalminates to off-the-shelf and fully custom holographic overlaminates are all available from HID. Available print ribbons include: Print Ribbon Options Warranty Widen Print Ribbon Options Warranty Printer - Ham Il8-9" Ham 18.3" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer - Ham Il8-9" Ha 18.3" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer - Ham Il8-9" Ha 18.3" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer - Ham Il8-9" Ham 18.3" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer - Ham Il8-9" Ha 18.3" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer - Ham Il8-9" Ha 18.3" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer -	Resolution	300 dpi (11.8 dots/mm) continuous tone
panel polyester overlaminates to off-the-shelf and fully custom holographic overlaminates are all available from HID. Available print ribbons include: Print Ribbon Options Print Ribbon Options Print Ribbon Options Print Sped** Full-color with two resin black panels and overlay panel, YMCKOY*, 500 prints Full-color with two resin black panels and overlay panel, YMCKOY*, 550 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 650 prints Full-color half-panel with two resin black panels and overlay panel, YMCKOY*, 670 prints Full-color half-panel with two resin	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 (3.313" L x 2.04" W / 83.8 mm L x 51.8 mm W) Accepted Card Thickness Accepted Card Thickness Accepted Card Types PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PV finish; rewrite 100 cards (030" / 7.62 mm) Output Hopper Card Capacity Output Hopper Card Capacity Card Cleaning Acrepted Card Types Memory Software Drivers Windows" 7, 8, 81 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012 Interface Operating Temperature Operating Temperature Dimensions 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: 18,9" H x 18,7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer: 11 lbs / 5 Kg Printer + I am: 18,9" H x 18,7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer: 1 lm: 20 lbs / 91 Kg Agency Listings Supply Frequency Finish: rewrite card with each ribbon cards with polymous printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology ribbon required 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 Pluss*, MIFARE DesSiries* (Li 504 244 34 / B, ISO 15693) read/write encoder; contact smart MIFARE Classic*, MIFARE Pluss*, MIFARE DesSiries* (Li 504 244 34 / B, ISO 15693) read/write encoder; contact smart CR-001 Three cards with policy and rewrite encoder; contact smart CR-002 Three cards with policy and printer share and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (ICLASS" Standard / SE / SR / Seos*, MIFARE Pluss*, MIFARE DesSiries* (EFARE DESSiries* technologies: 125 kHz (HID Prox) reader; 13.56 MHz (ICLASS" Standard / SE / SR / Seos*, MIFARE DesSiries*, MIFARE DESSiries* (EFARE DESSiries*) Encoding Drivate Advanced the con	Print Ribbon Options	ribbons include: Full-color with resin black and overlay panel, YMCKO*, 500 prints Full-color with two resin black panels and overlay panel, YMCKOK*, 500 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, YMCKOK*, 650 prints Full-color half-panel with two resin black panels and overlay panels, YMCKOKO*, 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 Thickness .009° - 0.40° / 9 mil - 40 mil / .229 mm - 1.016 mm PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PV 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 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 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: 1 libs / 5 Kg Printer: + 1am: 20 libs / 91 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 Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency Source Environmental Features Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* WiFARE Classic*, MIFARE Plus*, MIFARE DESS'ire*, MIFARE DESS'ire*, EMI-ARE DESS'ire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact sma	Print Speed**	6 seconds per card (K*); 16 seconds per card (YMCKO*); 24 seconds per card (YMCKOK*)
Accepted Card Thickness .009"040" / 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 PV finish; rewrite 100 cards (.030" / .762 mm) 100 card Cleaning 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 memory 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 memory 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 memory 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 memory 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 memory 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change 100 card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon cartridge; cleaning roller is automatically replaced with each ribbon cartridge; cleaning roller is automatically replaced with each ribbon roller roll	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 PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PV finish; rewrite Input Hopper Card Capacity 100 cards (030" / .762 mm)	Print Area	CR-80 edge-to-edge (3.36"L x 2.11"W / 85.3 mm L x 53.7 mm W); CR-79 (3.3" L x 2.04" W / 83.8 mm L x 51.8 mm W)
Input Hopper Card Capacity 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, 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: 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: 11 lbs / 5 Kg Printer: 1 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), CCC, BSMI, KC Supply Frequency 50 Hz / 60 Hz Environmental Features GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - ribbon required 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 DLSSFire*, MIFARE DESFire*, MIFARE DES	Accepted Card Thickness	.009"040" / 9 mil - 40 mil / .229 mm - 1.016 mm
Output Hopper Card Capacity 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: 98" 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 Supply Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency Supply Frequency Fenvironmental Features Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supploted Supploted Supplose (ECO), and rewrite technology - ribbon required MIFARE Classic*, MIFARE DESFire*, MIFARE DESF	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
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: 9.8" 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: 11 lbs / 5 Kg Printer: 11 lbs / 5 Kg Printer: 12 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 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 - ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (ICLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE DESFire*, MIFARE DESFire*, MIFARE DESFire*, VI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarter.	Input Hopper Card Capacity	100 cards (.030" / .762 mm)
Memory 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 + lam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D Printer: 11 lbs / 5 Kg Printer + lam: 2.0 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 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 - ribbon required 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 Classic*, MIFARE DESFire*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact small	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) 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 + 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 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 Voltage Supply Frequency Environmental Features 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 DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact small	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 + 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 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 Voltage Supply Frequency 50 Hz / 60 Hz Environmental Features Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (ICLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE DESFire*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarter in the contact of the con	Memory	32 MB RAM
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 + 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 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 Voltage Supply Frequency ForenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarts and supplementations.	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 / 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 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 ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (ICLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarts and standard and standard readers.	Interface	USB 2.0, Standard Ethernet with internal print server (Note: Ethernet optional on BIS-Certified Units)
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 / 9.1 Kg 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 Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency Environmental Features Finiter - three years; printhead - three years, unlimited pass with UltraCard* Warranty Warranty Finiter - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (ICLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart	Operating Temperature	65° to 80° F / 18° to 27° C
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 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 Voltage 100-240Vac, 50-60Hz, 1.6 Amps max Supply Frequency Environmental Features GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart	Humidity	20-80% non-condensing
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), CCC, BSMI, KC 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 - ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarters.	Dimensions	
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 ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarters.	Weight	
Supply Frequency 50 Hz / 60 Hz GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact sma	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
GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarters.	Supply Voltage	100-240Vac, 50-60Hz, 1.6 Amps max
ribbon required Warranty Printer - three years; printhead - three years, unlimited pass with UltraCard* Supported smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE Classic*, MIFARE Plus*, MIFARE DESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smarths.	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 OESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE OESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE OESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE OESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE OESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE OESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / SR / Seos*, MIFARE OESFire* EVI, ISO 14443 A/B, ISO 15693) read/write encoder; contact smart card and magnetic stripe technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS* Standard / SE / S	Environmental Features	GreenCircle* Certified card printer (base models only without encoders), refillable supply cartridges (ECO), and rewrite technology - no ribbon required
Encoding Options MIFARE Classic*, MIFARE Plus*, MIFARE DESFire*, MIFARE DESFire* EV1, ISO 14443 A/B, ISO 15693) read/write encoder; contact sma	Warranty	Printer - three years; printhead - three years, unlimited pass with UltraCard*
(HID Encoders) card encoder reads from and writes to all ISO/816 1/2/3/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards; ISO magnetic stripe encoding, dual high- and low-coercivity, tracks 1, 2 and 3	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
net encoding is only available for iCLASS*, MIFARE*, and contact smart card encoding) - Ethernet-enabled printer supports wireless acc	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	Software	Swift ID™ embedded badging application, FARGO Workbench™ diagnostic utility with Color Assist™ spot-color matching
Display Color changing status buttons	Display	Color changing status buttons





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dependent on the size of the file, the CPU, amount of RAM and the amount of available resources at the time of the print.

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

** 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

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2017-09-11-fargo-dtc1500-printer-ds-en PLT-03457