

Direct-to-Card (DTC™) Printers/Encoders



	DTC4500	DTC4000	DTC1000	DTC1000M
Starting MSRP	\$3,199	\$2,899	\$2,299	\$1,599
Sided Printing	Single or Dual	Single or Dual	Single or Dual	Single
Print Method	Dye-Sublimation / Resin Thermal Transfer	Dye-Sublimation / Resin Thermal Transfer	Dye-sublimation / resin thermal transfer	Resin Thermal Transfer
Resolution	300 dpi	300 dpi	300 dpi	300 dpi
Print Speed	24 seconds per card / 150 cards per hour (YMCKO)	24 seconds per card / 150 cards per hour (YMCKO)	24 seconds per card / 150 cards per hour (YMCKO)	7 seconds per card (K), 12 seconds per card (KO)
Accepted Card Sizes	CR-80 CR-79 Adhesive Back	CR-80 CR-79 Adhesive Back	CR-80 CR-79 Adhesive Back	CR-80 CR-79 Adhesive Back
Accepted Card Thickness	Print only: .009" (9 mil) to .040" (40 mil) / .229mm to 1.02mm Print/Lamination: .030" (30 mil) to .040" (40 mil) / .762mm to 1.02mm	.009" (9 mil) to .040" (40 mil) / .229mm to 1.02mm	.009" (9 mil) to .040" (40 mil) / .229mm to 1.02mm	.009" (9 mil) to .040" (40 mil) / .229mm to 1.02mm
Software Drivers	Windows® XP/Vista(32 & 64 bit)/Server 2003 & 2008/Windows 7 (coming soon)	Windows® XP/Vista(32 & 64 bit)/Server 2003 & 2008/Windows 7 (coming soon)	Windows® XP/Vista(32 & 64 bit)/Server 2003 & 2008/Windows 7 (coming soon)	Windows® XP and Vista® (32 bit & 64 bit); Server 2003 & 2008; Windows 7 (32 bit & 64 bit). MAC: OS X 10.5 & 10.6. Linux
Size	Single-Sided Printer: 9.8" H x 18.1" W x 9.2" D / 249mmH x 460mmW x 234mmD Dual-Sided Printer: 9.8" H x 18.7" W x 9.2" D / 249mmH x 475mmW x 234mmD Printer + Lam: 18.9" H x 18.7" W x 9.2" D / 480mmH x 475mmW x 234mmD	Single-Sided Printer: 9.8" H x 17.6" W x 9.2" D / 249mmH x 460mmW x 234mmD Dual-Sided Printer: 9.8" H x 18.2" W x 9.2" D / 249mmH x 475mmW x 234mmD	Single-Sided Printer: 8.8" H x 13.7" W x 7.9" D / 224mmH x 348mmW x 201mmD Dual-Sided Printer: 9.8" H x 18.7" W x 9.2" D / 249mmH x 475mmW x 234mmD	8.8" H x 13.7" W x 7.9" D / 224mmH x 348mmW x 201mmD
Weight	Single-Sided Printer: 9lbs / 4.1 Kg Dual-Sided Printer: 11lbs / 5 Kg Printer + Lam: 20 lbs / 9.1 Kg	Single-Sided: 8 lbs. / 3.63 kg Dual-Sided: 10 lbs / 4.54 Kg	Single-Sided: 7.5 lbs / 3.4 Kg Dual-Sided: 10 lbs / 4.54 Kg	7.5 lbs / 3.4 Kg
Interface	USB 2.0 (high speed) and Ethernet with internal print server	USB 2.0 (high speed); optional Ethernet with internal print server	USB 2.0 (high speed); optional Ethernet with internal print server	USB 2.0 (high speed); optional Ethernet with internal print server
Color Capability	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome	Monochrome
Input Hopper	2100 cards	100 cards	100 cards	100 cards
Dual Hopper Capability	Yes	Yes (optional)	No	No
Output Hopper	100 Cards	100 Cards	30 Cards	30 cards
Encoding Options	ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 125 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 micropro- cessor smart cards (T=0, T=1) as well as synchronous cards	ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 125 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 micropro- cessor smart cards (T=0, T=1) as well as synchronous cards	ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 125 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 micropro- cessor 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
Lamination Available	Yes	No	No	No
Card Volume	High	Medium to High	Low to Medium	Low to Moderate
Warranty	Printer: Two year One year On-Call Express (loaner printer, U.S. only) Optional Extended Warranty Program (U.S. only)	Printer: Two year One year On-Call Express (loaner printer, U.S. only) Optional Extended Warranty Program (U.S. only)	Printer: Two years Printhead: Two years, unlimited pass with UltraCard® cards	Printer: Two years Printhead: Two years; unlimited pass with UltraCard cards
Software Options	Asure ID® Swift ID™ (entry level badging application included with printer)	Asure ID Swift ID™ (entry level badging application included with printer)	Asure ID Swift ID™ (entry level badging application included with printer)	Asure ID Swift ID (entry level badging application included with printer)
Options	Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for iCLASS, MIFARE, and contact smart card encoding) Ethernet with Internal Print Server - Standard Feature Dual-Input Card Hopper (200 cards) - Standard Feature Same-Side Input/Output Card Hopper - Upgradable Card Lamination Module: single-sided or dual-sided (simultaneous) - Upgradable Contactless Smart Card Encoding - Upgradable Contact Smart Card Encoding - Factory Upgrade Magnetic Stripe Encoding - Upgradable	Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for iCLASS, MIFARE, and contact smart card encoding) Dual-Sided Printing Module - Upgradable Dual-Input Card Hopper (200 cards) - Upgradable Same-Side Input/Output Card Hopper - Upgradable Contactless Smart Card Encoding - Upgradable Contact Smart Card Encoding - Factory Upgrade Magnetic Stripe Encoding - Upgradable Printer Cleaning Kit Ethernet with Internal Print Server - Upgradable	Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for iCLASS, MIFARE, and contact smart card encoding) Dual-Sided Printing Smart Card Encoding (contact/contactless) Magnetic Stripe Encoding Printer Cleaning Kit Ethernet with Internal Print Server	ISO Magnetic Stripe Encoding; Printer Cleaning Kit; Ethernet with Internal Print Server
Prints Rewritable and 10-Mil Cards	Yes	Yes	Yes	Yes
Fluorescent Panel Ribbon (UV Printing)	Yes	Yes	No	No
Cartridge Loaded Ribbons	Yes - Refillable	Yes - Refillable Black Basin	Yes - Refillable Black Basin	Yes - Refillable Black Basin
Password Protect	Yes	Yes	No	No
ENERGY STAR® Qualified Products	Non-Lamination Units Only	Yes	Yes	Yes

