

PRODUCT COMPARISON CHART

Printers & Encoders



	HDP5000	HDPii	DTC4500	DTC4000	DTC1000
Starting MSRP	\$3,995	\$6,995	\$3,199	\$2,899	\$2,299
Sided Printing	Single or Dual	Single or Dual	Single or Dual	Single or Dual	Single or Dual
Print Method	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer	Dye-Sublimation / Resin Thermal Transfer	Dye-Sublimation / Resin Thermal Transfer	Dye-sublimation / resin thermal transfer
Resolution	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi
Print Speed	26 seconds per card / 138 cards per hour (YMC with transfer)	52 seconds per card / 69 cards per hour (YMCKI with transfer)	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)
Accepted Card Sizes	CR-80	CR-80	CR-80 CR-79 Adhesive Back	CR-80 CR-79 Adhesive Back	CR-80 CR-79 Adhesive Back
Accepted Card Thickness	Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm Print/Lamination: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm	Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm	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
Software Drivers	Windows® 2000/XP/Server 2003/Vista (32 and 64 bit); Mac OS X v10.4 / 10.5; and Linux	Windows® 2000/XP/Server 2003/Vista (32 bit and 64 bit)	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)
Size	Printer: 11.50"H x 12.25"W x 9.25"D / 292mmH x 313mmW x 235mmD Printer + Dual-Sided Module: 11.50"H x 17.50"W x 9.25"D / 292mmH x 445mmW x 235mmD Printer + Single-Sided Lam Module: 12.75"H x 25"W x 9.25"D / 324mmH x 635mmW x 235mmD Printer + Dual-Sided Module + Dual-Sided Lam Module: 12.75"H x 30"W x 9.25"D / 324mmH x 762mmW x 235mmD Lam Module: 12.75"H x 12.25"W x 9.25"D / 324mmH x 313mmW x 235mmD	11.50"H x 14.75"W x 9.25"D / 292mmH x 630mmW x 235mmD	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
Weight	HDP5000: 16 lbs. / 7.3 kg HDP5000 + Dual-Side Module: 22 lbs. / 10 kg HDP5000 + Single-Side Lam Module: 28 lbs. / 12.7 kg HDP5000 + Dual-Side Module + Dual-Side Lam Module: 36 lbs. / 16.4 kg	28 lbs. / 12.8 kg	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
Interface	USB 2.0 (high speed) and Ethernet with internal print server	USB 2.0 (high speed) and Ethernet with internal print server	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
Color Capability	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome
Output Hopper	200 Cards	100 Cards	100 Cards	100 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 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 3 125 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 3 125 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 3 125 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 3 125 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
Lamination Available	Yes	No	Yes	No	No
Card Volume	High	High	High	Medium to High	Low to Medium
Warranty	Printer: Two year Printhead: Lifetime; unlimited pass One year On-Call Express (loaner printer, U.S. only) Optional Extended Warranty Program (U.S. only)	Printer: Two year Printhead: Lifetime; unlimited pass 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 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
Software Options	Asure ID	Asure ID	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	Card Lamination Module - single-sided or dual-sided (simultaneous) - Upgradable Smart card encoding (contact/contactless) - Upgradable Door and cartridge locks Printer cleaning kit Magnetic stripe encoding - Upgradable 200-card input hopper - Upgradable Dual-sided printing - 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)	Smart card encoding (contact/contactless), EMV Level 1 - Upgradable Printer cleaning kit 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)	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
Prints Rewritable And 10-Mil Cards	No	No	Yes	Yes	Yes
Fluorescent Panel Ribbon (UV Printing)	Yes	Yes	Yes	Yes	No
Cartridge Loaded Ribbons	Yes	Yes	Yes	Yes	Yes
Password Protect	Yes	Yes	Yes	Yes	No
ENERGY STAR® Qualified Products	No	No	Non-Lamination Units Only	Yes	No

