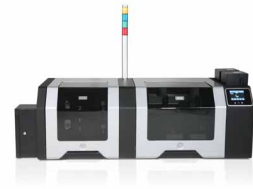


PRODUCT COMPARISON CHART

High Definition (HDP®) Printer/Encoders



	HDP8500	HDPii	HDP5000
Starting MSRP	\$9,995	\$6,995	\$3,995
Sided Printing	Single or Dual	Single or Dual	Single or Dual
Print Method	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer
Resolution	300 dpi	300 dpi	300 dpi
Print Speed	24 seconds per card / 150 cards per hour maximum (YMC with transfer)	52 seconds per card / 69 cards per hour (YMCKI with transfer)	26 seconds per card / 138 cards per hour (YMC with transfer)
Accepted Card Sizes	CR-80	CR-80	CR-80
Accepted Card Thickness	.030" (30 mil) to .050" (50 mil) / .762 mm to 1.27 mm	Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm	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
Software Drivers	Windows® XP / Server 2003 / Vista (32 and 64 bit) / Windows 7 Mac OS X v10.4 / v10.5 and Linux	Windows® 2000/XP/Server 2003/Vista (32 bit and 64 bit)	Windows® 2000/XP/Server 2003/Vista (32 and 64 bit); Mac OS X v10.4 / 10.5; and Linux
Size	Dual-Sided Printer: 15.5" H x 28.2" W x 14.0" D / 394 mm H x 716 mm W x 356 mm D Printer + Dual-sided Lam Module: 15.9" H x 43.0" W x 14.0" D / 394 mmH x 1092 mmW x 356 mmD	11.50" H x 14.75" W x 9.25" D / 292mmH x 630mmW x 235mmD	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
Weight	Printer: 61 lbs / 27.7 kg Printer + Dual-Sided Lam Module: 90 lbs / 40.9 kg	28 lbs. / 12.8 kg	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
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
Color Capability	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome
Input Hopper	400 cards	100 cards	100 cards
Dual Hopper Capability	Yes	No	No
Output Hopper	200 Cards	100 Cards	200 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
Lamination Available	Yes	No	Yes
Card Volume	High	High	High
Warranty	Printer: Three years Printhead: Lifetime; unlimited pass	Printer: Two year Printhead: Lifetime; unlimited pass Optional Extended Warranty Program (U.S. only)	Printer: Two year Printhead: Lifetime; unlimited pass One year On-Call Express (loaner printer, U.S. only) Optional Extended Warranty Program (U.S. only)
Software Options	Asure ID®	Asure ID	Asure ID
Options	Card Lamination Module - dual-sided (simultaneous) - Upgradable Card Flattening Module - Upgradable Andon Production Status Light - Upgradable Smart card encoding (contact/contactless) - Upgradable 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)	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)	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 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)
Prints Rewritable and 10-Mil Cards	No	No	No
Fluorescent Panel Ribbon (UV Printing)	Yes	Yes	Yes
Cartridge Loaded Ribbons	Yes	Yes	Yes
Password Protect	Yes	Yes	Yes
ENERGY STAR® Qualified Products	No	No	No