

PRODUCT COMPARISON CHART

High Definition (HDP®) Printer/Encoders



	HDP6600	HDP5600	HDP5000
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	600 dpi	300 dpi or 600 dpi	300 dpi
Print Speed*	Up to 230 cards per hour / 16 seconds per card (YMCK with transfer)	Up to 24 seconds per card / 150 cards per hour maximum (YMC with transfer)	24 seconds per card / 150 cards per hour maximum (YMC with transfer)
Accepted Card Sizes	CR-80	CR-80	CR-80
Accepted Card Thickness	.030" (30 mil) to .040" (40 mil) / .762mm to 1.01 mm	.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® 10 / 8.1 / 8 / 7 / Server 2016 / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2	Windows® 10 / 8.1 / 8 / 7 / Vista® / XP / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2 / Server 2003	Windows® 10 / 8.1 / 8 / 7 / Vista® / XP / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2 / Server 2003
Size	Printer: 13.0" H x 14.5" W x 12.0" D / 330mmH x 368mmW x 305mmD Printer + Dual-Sided Module: 13.0" H x 19.75" W x 12.0" D / 330mmH x 502mmW x 305mmD	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	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	HDP6600: 21.0 lbs. / 9.5 kg HDP6600 + Dual-Side Module: 24.6 lbs. / 11.2 kg	HDP5600: 16 lbs. / 7.3 kg HDP5600 + Dual-Side Module: 22 lbs. / 10 kg HDP5600 + Single-Side Lam Module: 28 lbs. / 12.7 kg HDP5600 + Dual-Side Module + Dual-Side Lam Module: 36 lbs. / 16.4 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 and Ethernet with internal print server	USB 2.0 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	100 cards	100 cards	100 cards
Dual Hopper Capability	Coming Soon**	Yes	Yes
Output Hopper	200 Cards	200 Cards	200 Cards
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® 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.	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® 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.	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® 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.
HID Access Control Application Encoding	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox (Also see the FARGO HDP6600 Card Encoding Modules Datasheet for additional information)	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox
Lamination Available	Coming Soon**	Yes	Yes
Laser Engraving Available	No	No	No
Card Volume	High	High	High
Warranty	Printer: Three years including one year of free printer loaner support (U.S. only); Optional Extended Warranty Program (U.S. only); Printhead: Lifetime, unlimited pass	Printer: Three year, Printhead: Lifetime; unlimited pass, One year On-Call Express (loaner printer, U.S. only), Optional Extended Warranty Program (U.S. only)	Printer: Three 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	Dual-sided printing - Upgradable Card Lamination Configurations** - Choice of One Material (for single- or dual-sided lamination) or Two Material (for dual-sided lamination) - Upgradable 200-Card Input Hopper - Upgradable Card Flattening Module - Upgradable Dual Card Input Hopper Module* - Upgradable Smart card encoding (contact/contactless) - Upgradable Programmer - Programs HID PACS data - Upgradable Magnetic stripe encoding - Upgradable Physical locks for card hoppers and consumables access** (special order only) 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 Dual card input hopper module - Upgradable Smart card encoding (contact/contactless) - Upgradable Physical locks for card hoppers and consumables access 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) Wi-Fi® Module - Upgradable	Card Lamination Module - single-sided or dual-sided (simultaneous) - Upgradable Dual card input hopper module - Upgradable Smart card encoding (contact/contactless) - Upgradable Physical locks for card hoppers and consumables access 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) Wi-Fi® Module - Upgradable
Fluorescent Panel Ribbon (UV Printing)	Coming Soon**	Yes	Yes
Ribbon Loading Method	Drawer	Cartridge	Cartridge
Password Protect	Coming Soon**	Yes	Yes
GreenCircle® Certified	Yes	No	No

*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 printhead resolution, the CPU, amount of RAM and the amount of available resources at the time of the print.
**Coming Soon: Please contact your local HID Sales Representative or local HID Integrator for additional information.



	HDP8500	HDPi Plus
Sided Printing	Single or Dual	Single or Dual
Print Method	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer
Resolution	300 dpi	300 dpi
Print Speed*	24 seconds per card / 150 cards per hour maximum (YMC with transfer)	48 seconds per card / 75 cards per hour maximum (YMCKI with transfer)
Accepted Card Sizes	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
Software Drivers	Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP; Mac OS X v10.8 / v10.7 / v10.6 / v10.5 / v10.4 & Linux	Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP
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: 15.5" H x 43.0" W x 14.0" D / 394 mmH x 1092 mmW x 356 mm D Printer + Laser Engraver Module: 20.5" H x 39.0" W x 20.0" D / 521 mmH x 991 mmW x 508 mmD Printer + Laser Engraver Module + Dual-sided Lamination Module: 20.5" H x 54.0" W x 20.0" D / 521 mmH x 1372 mmW x 508 mm D	11.50" H x 24.60" W x 9.25" D / 292mmH x 625mmW x 235mmD
Weight	Printer: 61 lbs / 27.7 kg Printer + Dual-Sided Lam Module: 90 lbs / 40.9 kg Printer + Laser Engraver: 131 lbs / 59.5 kg Printer + Laser Engraver Module + Dual-sided Lamination Module: 178 lbs / 80.8 kg	28 lbs. / 12.8 kg
Interface	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
Input Hopper	400 cards	100 cards
Dual Hopper Capability	Standard	Yes
Output Hopper	200 Cards	100 Cards
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® 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.	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® 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.
HID Access Control Application Encoding	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox
Lamination Available	Yes	No
Laser Engraving Available	Yes	No
Card Volume	High	High
Warranty	Printer: Three years, Printhead: Lifetime; unlimited pass, Laser Engraver: Two years	Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program (U.S. only)
Software Options	Asure ID®	Asure ID
Options	Laser Engraver Module - Upgradable 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)	Dual card input hopper module - Upgradable 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)
Fluorescent Panel Ribbon (UV Printing)	Yes	Yes
Ribbon Loading Method	Cartridge	Cartridge
Password Protect	Yes	Yes
GreenCircle® Certified	No	No

*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 printhead resolution, the CPU, amount of RAM and the amount of available resources at the time of the print.