

High Definition (HDP®) Printer/Encoders



HDP6600



HDP5000

	HDP6600	HDP5000
Sided Printing	Single or Dual	Single or Dual
Print Method	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer
Resolution	600 dpi	300 dpi
Print Speed*	Up to 230 cards per hour / 16 seconds per card (YMCK with transfer)	24 seconds per card / 150 cards per hour maximum (YMC with transfer)
Accepted Card Sizes	CR-80	CR-80
Accepted Card Thickness	.030" (30 mil) to .040" (40 mil) / .762mm to 1.01 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 2019 / 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
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 Single-Sided + One Material Lam Module: 14.0"H x 30.5"W x 12.0"D / 356mmH x 775mmW x 305mmD Printer + Dual-Sided Module + One Material or Two Material Lam Module: 14.0"H x 35.75"W x 12.0"D / 356mmH x 908mmW x 305mmD One Material or Two Material Lam Module: 14.0"H x 16.0"W x 9.5"D / 356mmH x 406mmW x 241mmD	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-Sided Module: 24.6 lbs. / 11.2 kg HDP6600 Single-Sided + One Material Lam Module: 35.7 lbs. / 16.2 kg HDP6600 + Dual-Sided Module + One Material or Two Material Lam Module: 39.3 lbs. / 17.9 kg One Material or Two Material Lam Module: 14.7 lbs. / 6.7 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, Ethernet (100 Mbps) with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3)	USB 2.0 (high speed) and Ethernet with internal print server
Color Capability	Full Color/Monochrome	Full Color/Monochrome
Input Hopper	100 cards	100 cards
Dual Hopper Capability	Yes	Yes
Output Hopper	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/EV2, 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/EV2, 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
Lamination Available	Yes	Yes
Card Volume	High	High
Warranty	Printer: Three years** including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only); Printhead: Lifetime**; unlimited card passes	Printer: Three years** including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only); Printhead: Lifetime**; unlimited card passes
Software Options	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 Input Card Hopper - 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 or USB 2.0 interface for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license)	Card Lamination Module - single-sided or dual-sided (simultaneous) - Upgradable Dual input card hopper module - Upgradable 200-Card Input Hopper - 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 USB 2.0 interface for in-line printing and encoding
Fluorescent Panel Ribbon (UV Printing)	Yes	Yes
Ribbon Loading Method	Drawer	Cartridge
Password Protect	Yes	Yes
GreenCircle® Certified	Yes	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 available resources at the time of the print.

**Three-year warranty available on printers and lifetime warranty available on printheads with completion of online printer registration. (Two-year warranty standard on both printer and printheads without online printer registration.)

COMPARISON CHART



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