FARGO® HDP6600

Print Method:	HDP® Dye-Sublimation / Resin Thermal Transfer
Resolution:	600 dpi (23.6 dots/mm)
Colors:	Up to 16.7 million / 256 shades per pixel
Print Ribbon Options:	• Full-color with resin black, YMCK*, 750 prints • Full-color with two resin black panels, YMCKK*, 600 prints • Full-color with fluorescing and resin black, YMCFK*, 600 prints • Full-color with resin black and heat seal panel for difficult-to-print surfaces, YMCKH*, 600 prints • Resin black, K*, 3000 prints
HDP Film Options:	Clear, 1500 prints
Overlaminate Options:	PolyGuard™ LMX Overlaminates are 1.0 mil thick, CR-80 patch size and come in rolls of 1000 prints. Options include full patch, half patch, UV resistant full patch, UV resistant half patch, left side cutout for smart chip, UV resistant left side cutout for smart chip, and High Secure Orbit design (universal orientation). All overlaminates are available in clear, standard holographic design or custom holographic design.
Print Speed:**	Batch Mode: • Up to 230 cards per hour / 16 seconds per card (YMCK* with transfer) • Up to 126 cards per hour / 29 seconds per card (YMCKK* with transfer)
Security Features	Resin scramble data protection, password protection, TLS encryption, fluorescent panel (UV) printing, optional physical locks
Accepted Standard Card Sizes:	CR-80 (3.375"L x 2.125"W / 85.6mmL x 54mmW)
Print Area:	Over-the-edge on CR-80 cards
Accepted Card Thickness:	.030" (30 mil) to .040" (40 mil) / .762mm to 1.01mm
Accepted Card Types:	ABS, PVC, PET, PETG, proximity, smart and mag stripe cards, polycarbonate. Note: ABS and PVC cards are not recommended for use within the HDP6600 Lamination Module
Input Card Capacity:	100 cards standard (.030" / .762mm) – Optional Dual input hopper or 200-card input hopper available for a total input capacity of 200 cards
Output Hopper Card Capacity:	200 cards (.030" / .762mm)
Card Cleaning:	Replaceable cleaning roller (included with each print ribbon)
Memory:	1 GB RAM
Display:	User-friendly, SmartScreen™ Graphical OLED Control Panel
Software Drivers:	Windows® 7 / 10 / 11 / Server 2012 / Server 2016 / Server 2019 / Server 2022
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 Access Control Credential Programming:	iCLASS® Standard/SE/SR/Seos, MIFARE Classic®, MIFARE DESFire® EV1, HID Prox (Also see the FARGO HDP6600 Card Encoding Modules Datasheet for additional information)
Interface:	USB 2.0, Ethernet with internal print server
Operating Temperature:	65° to 90° F / 18° to 32° C
Humidity:	20 - 80% non-condensing
Dimensions:	• HDP6600: 13.0"H x 14.5"W x 12.0"D / 330mmH x 368mmW x 305mmD • HDP6600 + Dual-Sided Module: 13.0"H x 19.75"W x 12.0"D / 330mmH x 502mmW x 305mmD • HDP6600 Single-Sided + One Material Lam Module: 14.0"H x 30.5"W x 12.0"D / 356mmH x 775mmW x 305mmD • HDP6600 + 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
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
Certifications*:**	UL, CE, FCC, BSMI, MIC, EAC, RCM, CCC, KCC, S-Mark, RoHS
Supply Voltage:	100-240 VAC, 2.5A max
Supply Frequency:	50 Hz / 60 Hz
Data Security:	AES-256 Data Encryption, Resin Scramble Data Protection
Warranty:	• Printer - Four 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
FARGO Secure Materials:	FARGO Card Printer/Encoders require highly specialized media to function properly. To maximize printed card quality and durability, printhead life and printer/encoder reliability, use only HID Secure Materials. HID warranties are void, where not prohibited by law, when non-HID Secure Materials are used.
Options:	Single-wire Ethernet for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license), Dual-sided printing, LMX card lamination module (One Material and Two Material configurations available), Card flattener, Magnetic stripe encoder, Contact Smart Card encoder, Contactless Smart Card encoding modules, 200-card input hopper, Secure proprietary consumables system, Custom secure holographic overlaminate, Printer cleaning kit, Dual input card hopper module, Physical locks for card hoppers and consumables access

* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, I=Inhibit, F=Fluorescing, H=Heat Seal

** 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.

*** Please contact your HID Global Sales Representative or local HID Integrator for additional certification information.

**** HID warrants to the end user that HDP6600 units will conform to the manufacturer's specifications and be free from defects in workmanship and materials for a period of four (4) years from the date of original purchase if the unit was purchased on or after August 1, 2024. HDP6600 printer units purchased prior to August 1, 2024, include a three-year warranty.

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SPECIFICATIONS SHEET