SPECIFICATIONS SHEET

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
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)
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 Cartridge Capacity:	100 cards (.030" / .762mm)
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® 10 / 8.1 / 8 / 7 / Server 2016 / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2
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 (100 Mbps) with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3)
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
Supply Voltage:	100-240 VAC, 2.5A max
Supply Frequency:	50 Hz / 60 Hz
Environmental/Energy Saving Feature	GreenCircle® Certified card printer (base models only without encoders)
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
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:	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. **Coming Soon:** Dual input card hopper module, Physical locks for card hoppers and consumables access, AES encryption, Resin Scramble Data Protection, Secure Holographic HDP Film.
Software:	FARGO diagnostic utility with Color Assist spot-color matching included with printer driver

* 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

****Three-year warranty available with completion of online printer registration. (Two-year warranty standard without online printer registration.)

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