HID FARGO INK1000 CAPABILITIES:

- Thermal inkjet card printing (single-side)
- Full-color, true “edge-to-edge” printing in 600 dpi x 1200 dpi
  - Single ink cartridge (YMC)
  - Composite black is barcode-readable
- Printing on standard PVC card types
  - No special card media required
- Contactless card encoding (optional)
  - Contactless (OMNIKEY® 5127CK-Mini)

IDEAL FOR:

- Employee/faculty or K-12 student badging—with or without contactless door entry
- Cashless vending
- Time and attendance
- Gift and loyalty stored value cards that utilize barcodes / QR codes
- QR code-based financial cards

SPECIFICATIONS

Print Method	Thermal inkjet
Resolution	Up to 600 dpi x 1200 dpi (23.6 dots/mm x 47.2 dots/mm)
Print Mode	Single-side
Ink Type	The HID FARGO INK1000 printer utilizes a single ink cartridge containing YMC (Yellow, Magenta, Cyan) solvent-based inks for printing full-color card designs and barcode-readable composite black. The composite black created by the HID FARGO INK1000 can accurately reproduce even complex characters, such as Kanji, Arabic and Cyrillic. The easy-to-install, snap-in ink cartridge contains specially formulated inks that naturally adhere to standard, off-the-shelf PVC and composite cards—and because inks are inherently UV-stable, images and text exhibit improved fade resistance.
Print Speed*	Up to 100 cph (cards per hour) / 36 seconds per card
Accepted Standard Card Sizes	CR-80 (3.375″L x 2.125″W / 85.6 mm L x 54 mm W)
Print Area	CR-80 edge-to-edge (3.36″L x 2.11″W / 85.3 mm L x 53.7 mm W)
Accepted Card Thickness	.030″(30 mil) / .762 mm
Accepted Card Types**	PVC, press polished PVC, composite (PET/PVC with PVC as an outer layer), laminated PVC (credit card construction)
Input Hopper Card Capacity	100 cards (.030″ / .762 mm)
Output Hopper Card Capacity	Up to 30 cards (.030” / .762 mm)
Memory	1 GB RAM
Software Drivers	Windows® 7, 10 (32 bit & 64 bit)
Interface	USB 2.0
Operating Temperature	65° to 80° F / 18° to 27° C
Humidity	20–70% non-condensing
Dimensions	Printer: 7.1” H x 10.5” W x 12.6” D / 180 mm H x 267 mm W x 320 mm D
Weight	Printer: 7.8 lbs / 3.5 Kg
Agency Listings	UL / CE / FCC Class A
Supply Voltage	100-240Vac, 50-60Hz, 1.5 Amps max
Supply Frequency	50 Hz / 60 Hz
Warranty	Printer – Three years***
Encoding Options (HID Encoder)	Supported smart card technologies: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS® Standard / SE / SR / Seos®, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire®, MIFARE DESFire® EV1, ISO 14443 A/B, ISO 15693) read/write encoder
Software	FARGO driver including diagnostic utility with Color Assist™ spot-color matching
Console Display	Power on/off and status indicator lights

* 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 CPU, amount of RAM and the amount of available resources at the time of the print.
** Although HID has done extensive testing both with HID UltraCard™ cards and off-the-shelf PVC cards produced by other manufacturers, not every available card on the market could be tested/validated. HID Global recommends HID UltraCard-brand cards (UltraCard and UltraCard Premium). If the intent is to use non-HID-branded PVC cards, we invite partners to validate their specific card stock. End customers can arrange for a card sample test with their HID partner to ensure card compatibility prior to purchase. Please contact your local HID Sales Representative or HID Reseller for additional information.
***Three-year warranty available on printers with completion of online printer egistration. (Two-year warranty standard on printer without online printer registration.)

hidglobal.com

North America: +1 512 776 9000
Toll Free: 1 800 237 7769
Europe, Middle East, Africa:
+44 1440 714 850
Asia Pacific: +852 3160 9800
Latin America: +52 55 9171 1108

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HID® FARGO® INK1000 Consumables

HID GLOBAL PROVIDES A VARIETY OF CONSUMABLES AND ACCESSORIES TO OPTIMIZE THE PERFORMANCE OF YOUR HID FARGO INK1000 INKJET PRINTER/ENCODER

- **INK1000 Thermal Inkjet Cartridges:** The HID FARGO INK1000 printer utilizes a single ink cartridge containing YMC (Yellow, Magenta, Cyan) solvent-based inks for printing full-color card designs and barcode-readable composite black
  - The composite black created by the HID FARGO INK1000 can accurately reproduce even complex characters, such as Kanji, Arabic and Cyrillic
  - The easy-to-install, snap-in ink cartridge contains specially formulated inks that naturally adhere to standard, off-the-shelf PVC and composite cards — and because inks are inherently UV-stable, images and text exhibit fade resistance
  - Depending on your card design, a single ink cartridge may yield significantly more cards at a fraction of the cost of ribbon-based printing (250-1300 cards per cartridge). The HID FARGO INK1000 is equipped with a convenient ink estimator tool that will calculate approximate card yield per cartridge based on specific card design/image.
- **Cards:** Graphics-quality UltraCard™ non-technology cards feature polished, scratch- and debris-reduced surfaces to optimize the quality of your printed images
- **Cleaning Materials:** Ink cartridge printhead cleaning swabs and gauze cleaning pads facilitate optimal print quality and ensure your printer is clear of dust, debris and build-up that can degrade printer performance over time

HID FARGO Thermal Inkjet Cartridge Consumables for the HID FARGO INK1000

Part Number	Description
062100	Cartridge, Ink YMC, INK1000

Thermal Inkjet Cartridge Use and Storage Specifications

Unopened ink cartridge shelf life	Maximum 12* months from cartridge fill date (Date of manufacture)
Opened/Installed ink cartridge usage life	Maximum 6* months from cartridge installation date (Date of cartridge installation in printer)
Storage conditions	32° to 95° F (0° to 35° C) / 20% to 70% RH / Keep out of direct sunlight
Regulations and Safety	Please adhere to your local regulations for the proper shipping, storage and disposal of ink cartridges. To request a Safety Data Sheet (SDS) please visit us at: https://www.hidglobal.com/compliance-certifications/compliance-case

**Specifications are based on typical shelf/usage life ranges. Depending on specific use case scenarios, users may experience shelf/usage life beyond these ranges.*

HID FARGO UltraCards

INK1000 Accepted Card Size / Thickness / Construction: CR-80 / 30 mil / PVC, press polished PVC, composite (PET/PVC with PVC as an outer layer), laminated PVC (credit card construction). Although HID has done extensive testing both with HID UltraCard cards and off-the-shelf PVC cards produced by other manufacturers, not every available card on the market could be tested/validated. HID Global recommends HID UltraCard-brand cards (UltraCard and UltraCard Premium). If the intent is to use non-HID-branded PVC cards, we invite partners to validate their specific card stock. End customers can arrange for a card sample test with their HID partner to ensure card compatibility prior to purchase. Please contact your local HID Sales Representative or HID Reseller for additional information. Cards listed below are all standard size CR-80.

Part Number	Description
081754	UltraCard 30 mil Cards – PVC: FARGO Certified UltraCard PVC Cards that offer medium card durability – 1 box contains 500 cards
082136	UltraCard 30 mil Cards – Premium Composite: FARGO Certified UltraCard Premium Composite Cards that offer enhanced card durability and best value – 1 box contains 500 cards

UltraCards are non-technology cards. For information about HID Global's wide range of available technology cards, please visit: https://www.hidglobal.com/product-display/cards-and-credentials or contact your preferred dealer, integrator or HID Sales Associate.

HID FARGO Cleaning Materials for the HID FARGO INK1000

HID Global recommends cleaning your FARGO INK1000 printer every ink cartridge change to ensure the best performance and to maintain long-term printer reliability.

Part Number	Description
062150	Cleaning Kit INK1000 – Includes 10 Gauze Cleaning Pads, 4 Ink Cartridge Printhead Cleaning Swabs and 10 Adhesive-backed Cleaning Cards

FARGO Card Printers/Encoders require highly specialized media to function properly. To maximize printed card quality and durability, inkjet cartridge printhead life and printer/encoder reliability, use only HID FARGO Consumables. HID warranties are void, where not prohibited by law, when non-HID Consumables are used. For information on additional accessories, please contact your dealer, integrator or HID Sales Associate.

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North America: +1 512 776 9000 | Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +44 1440 714 850
Asia Pacific: +852 3160 9800 | Latin America: +52 (55) 9171-1108
For more global phone numbers click here

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