



Product data sheet

FRGO-88935

HDP5000 Base Model Single Sided Printing, 16MB Memory, 110-240 VAC

Produce High Definition cards the easy way.

The HDP5000 Card Identity System makes it possible to affordably print cards with superior image quality. Whether you need event IDs or multi-function smart cards, it gives you the technology to produce great-looking cards to meet your needs. FARGO system experts make it easy — they've matched exceptionally reliable hardware with the most advanced software to deliver the simple-to-use, preconfigured HDP5000 Card Identity System.

The pieces work together to take your card printing to a higher level

The HDP5000 Card Identity System gives you everything you need to start producing High Definition cards fast. Using Asure ID® Express™ Photo ID software, you'll be ready to design, print and manage the production of your ID cards right from the start. Internet connectivity comes standard, for card issuance anywhere on your network. Plus, the system's modular design allows you to add components as you need them.

- Optional encoding modules for up to four different card technologies add functionality to your cards, such as EMV for payment applications.
- Additional dual-sided printing and lamination options provide even greater opportunities to upgrade card durability and security. An optional dual card input hopper enables printing of multiple card types and speeds you through the biggest production jobs.
- Produce highly durable cards more economically with optional half-panel ribbon and High Durable HDP Film for non-laminated card solutions. For High Definition card printing technology that's reliable and affordable, choose the easy-to-use HDP5000 Card Identity System.



Details

- Versatile design that can grow with your needs
- Outstanding printing quality
- Flexible solution for virtually every application
- Optional encoding capabilities

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Technical specifications

General

Functionality Add-on module

Printing

Printing method Direct To Card

Lamination Single Sided

Printing side Single Sided

Printer range Fargo

Physical

Physical dimensions 200 x 300 x 200 mm

Net weight 2200 g

Shipping weight 2600 g

Environmental

Operating temperature 18 to 32°C

Relative humidity 20 to 80% noncondensing

Standards & regulation

Compliance CE, RoHS

Print Method

HDP® Dye-Sublimation / Resin Thermal Transfer

Resolution

300 dpi (11.8 dots/mm)

Colors

Up to 16.7 million / 256 shades per pixel

Overlamine Options

Thermal Transfer Overlamine, .25 mil thick, 500 print

PolyGuard® Overlamine, 1.0 mil and .6 mil thick, 250 prints (PolyGuard available in a CR-80 patch size) All overlamines available in clear, standard holographic design or custom holographic design

Print Speed**

Up to 24 seconds per card / 150 cards per hour (YMC with transfer)* Up to 29 seconds per card / 124 cards per hour (YMCK with transfer)* / Up to 40 seconds per card / 90 cards per hour (YMCKK with transfer)*

Up to 35 seconds per card / 102 cards per hour (YMCK with transfer and dual-sided, simultaneous lamination)*

Up to 48 seconds per card / 75 cards per hour (YMCKK with transfer and dual-sided, simultaneous lamination)*

Accepted Standard Card Sizes

CR-80 (3.370"L x 2.125"W / 85.6mmL x 54mmW)

Print Area

Over-the-edge on CR-80 cards

Accepted Card Thickness

Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm

• Print/Lamination: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm

Accepted Card Types

ABS, Laminated PVC, PET, PETG, proximity, smart and mag stripe cards, optical memory cards

Note: ABS and PVC cards are not recommended for use in the HDP5000 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

32 MB RAM

Software Drivers

Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003 & 2008/ Windows® 7 / MAC OS X 10.5/10.6 / Linux***

Interface

USB 2.0 and Ethernet with internal print server

Operating Temperature

65° to 90° F / 18° to 32° C

Humidity

20 - 80% non-condensing

Dimensions

HDP5000 292mmH x 313mmW x 235mmD

HDP5000 + Dual-Sided Module 292mmH x 445mmW x 235mmD

HDP5000 + Single-Sided Lam Module 324mmH x 635mmW x 235mmD

HDP5000 + Dual-Sided Module + Dual-Sided Lam Module 324mmH x 762mmW x 235mmD

Lam Module 324mmH x 313mmW x 235mmD

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Weight

HDP5000: 16 lbs. / 7.3 kg, HDP5000 + Dual-Sided Module: 22 lbs. / 10 kg, HDP5000 + Single-Sided Lam Module: 28 lbs. / 12.7 kg,
• HDP5000 + Dual-Sided Module + Dual-Sided Lam Module: 36 lbs. / 16.4 kg

*

Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, O=Overlay, B=Dye Sublimation Black.

**

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

ABS and PVC cards are not recommended for use in the HDP5000 Lamination Module. (Free card proofing available. Please contact your local integrator for more information.)

Linux versions: Ubuntu 8.04, 9.04 & 10.10; Debian 5.03 & 5.04; Fedora 7, 8, 9, 10, 11 & 14; Mandriva One 2009; Red Hat Enterprise 5 & 6; openSuse 10.3 & 11.1; SUSE 11.4

