Heidi

CARD PRINTER
Smarter Way to Print ID

● **CP55-S**
SINGLE SIDE

● **CP55-D**
DUAL SIDE

Heidi CP55 is a high-speed direct-to-card printer built to deliver innovative imaging and excellent printing quality at a competitive cost-per-card. It is a highly adaptable solution designed to serve many sectors within various user environments and card-issuance operations. Heidi CP55 is simply deployed, operated and maintained.

Heidi CP55 empowers users with the following benefits:

User-Friendly
Easy-to-use and maintain, simply plug and print.

Durable yet affordable
Reliable operations, high-resolution printing offered at a reasonable price.

Highly Scalable
An all-in-one printing solution with upgradable options, ribbons and software.

Trusted Security
Contact, contactless, and MS encoding for high-standard digital security compliance with EMV. Equipped with physical lock.

Smart Design
Compact size with a unique design, ideal for limited workspaces.

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CP55

Heidi CP55 at a glance:

- Innovative printing technology
- Remarkable quality with 300x300 dpi
- Smart and elegant design
- Single and Dual side printing
- Optional integrated encoders and Ethernet

Key Features

Personalization
The CP55 is a high-quality printer with 300x300 dpi, edge-to-edge printing on various types of cards and thickness with a wide range of ribbons.

Operation
All-in-one ribbon cassette and cleaning roller simplifies ribbon loading and cleaning processes. Easily operated LED indicators, buttons and instant system status LCD display.

Performance
The built-in 64 MB memory facilitates the high-speed storing and processing of printing jobs.

Card Security
Heidi CP55 provides multiple options to protect cards against tampering attempts:

- A secure and customizable watermark added within the printing process using standard ribbons
- A covert layer printed using an ultra-violet (UV) ribbon
- Smart card encoding
- Supports the secure global EMV standard, ensuring the cards are interoperable with the global payment infrastructure

Modularity
Seamlessly upgrade the basic CP55 single-side printer to a dual-side with a flipping unit, as well as magnetic-stripe, contact and contactless encoders.

Technical Specs | CP55 Specifications Sheet

Standard Features	CP55-S (Single-Sided Printer)	CP55-D (Dual-Sided Printer)
Printing speed	Color (YMCKO): up to 170 cards/hour	Color (YMCKOK): up to 130 cards/hour
	Half-YMC Full KO: 200 cards/hour	
	Black Overlay (KO): up to 360 cards/hour	
	Mono (Black, Gold, Silver): up to 720 cards/hour	
Printing method	Direct-to-card dye-sublimation/resin thermal transfer	

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Standard Features	CP55-S (Single-Sided Printer)	CP55-D (Dual-Sided Printer)
Printing capability	Dual-side and single-side edge-to-edge printing, ultra-violet fluorescent printing, in full-color and monochrome	
Accepted standard card sizes/format	ISO CR-80 (3.375″L x 2.125″W/85.6 mm L x 54 mm W)	
Accepted card thickness	0.38mm (15mil) ~ 1.0mm (40mil)	
Accepted card types	Printable PVC, Printable PET, Printable PC	
Resolution	300 dpi (11.8 dots/mm)	
Print area	CR-80 (3.36″L x 2.11″W/85.3 mm L x 53.7 mm W)	
Print ribbon options	Full-color with resin black and overlay panel, YMCKO, 250 prints/roll	
	Full-color with two resin black panels and overlay panel, YMCKOK, 200 prints/roll	
	Resin black with overlay panel, KO, 600 prints/roll	
	Mono (Black, Gold, Silver): 1,200 cards/roll	
	YMCKUvO Blue: 200 prints/roll	
	Half-YMC Full KO: 350 prints/roll	
Input hopper card capacity	100 cards (200 cards with cover open)	
Output hopper card capacity	40 cards (100 cards with optional back side stacker)	
Card cleaning	Cleaning roller with each cartridge	
Memory	ROM: 2MB, RAM: 64MB	
Software	GET Identity	
Interface	USB 2.0, Ethernet with option	
Display	2-line LCD & LED indicator	
CPU	AM3352 600MHz	
Power	Free Voltage (110/240V AC), 50 ~ 60 Hz, 45W	
Operating environment	Temperature: 20 ~ 35°C, Humidity: 20 ~ 80%	
Certification	CE, CB, FCC	
Operating system support for printer driver	Windows 7/8/10, Linux, Mac	
Warranty	24-month standard depot warranty	24-month print head warranty	
Physical lock	Optional, top cover lock	
Kensington lock	Back side	
Dimensions	380mm(W) x 208mm(H) x 166mm(D)	486mm(W) x 208mm(H) x 166mm(D)
Weight	5.1 kg	6.0 kg

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Field Upgradable Options

	CP55-S	CP55-D
Flipper	Optional dual-side print module	Default
Magnetic stripe encoder	ISO7811 (Track I, II, III Read/Write) HiCo/LoCo	
Contact smart card encoder	ISO/IEC 7816-1,2,3,4: IC Cards with contacts, EMV Terminal Level 1 version 4.1	
Contactless smart card encoder	ISO14443(Type A/B), MIFARE ®, MIFARE DESFire ®, iClass ®, EMV2 2000 Level 1	
Connectivity	Ethernet (TCP/IP 10/100 BaseT)	
	Wi-Fi	

GET Identity

This versatile, reliable and tool-rich card personalization system is trusted by public and private institutions across the globe, precisely and comprehensively assisting in the design and issuance of millions of highly secure ID cards. Suitable for simple student IDs, as well as complex cards such as access control and loyalty programs.

Software Benefits

Get the complete modules, screens, and tools. Both technical and non-technical team members can easily create and manage card design.

▷ **Comprehensive:** Rich design tools with a full-scope library of templates and drag-and-drop functionality.
▷ **Cost Efficient:** Reduces cost and complexity of contact, contactless, and magnetic stripe card encoding as well as barcode/QR code generation.
▷ **Flexible:** Supports single or multi-environment mode integration with other software applications and hardware.
▷ **User-Friendly:** Manage data easily with custom data entry screens.
▷ **Convenience:** Includes a complete pack of standard reporting templates, a dashboard, and tools for report customization and monitoring.

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