

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.

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	



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

HEIDI CP55 CARD PRINTER

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.



ABOUT GET GROUP

For more than 30 years, GET Group has established a global reputation as a leading provider of security printing, physical security, business solutions, intelligent transportation systems and commercial card printing. Using state-of-the-art security systems, innovative hardware, and software applications, GET Group provides institutions, enterprises and more than 25 governments worldwide, with highly secure and durable travel and identification documents, integrated physical security systems, and mission-critical e-Process solutions.

Having been awarded the prestigious CMMI Level 5 international quality certification, the ISO 9001 standard for quality management, and the ISO 27001 standard for information security, GET Group provides its clients from the public and private sectors with a suite of customizable, integrated and reliable solutions, such as passport and ID personalization, Community ID, Premises Security, Intelligent Key and Asset Management, Long-Range Surveillance, Integrated Management Platform, Electronic Bill Presentment and Payment, Prepaid Applications, Medical Claims Management, Customs Management, Queue Management, Vehicle and Road Monitoring, Electronic Toll Collection, Automatic Vehicle Identification and Highway Traffic Management. In addition, GET Group's line of commercial card printers 'Heidi' continues to empower many industries and sectors with unique printing capabilities and various personalization options at a low cost-per-card.

GET Group's pioneering solutions, technological expertise, and wide integration capabilities help public sector organizations and private enterprises manage and optimize their processes and performance, thus providing them with a competitive advantage, synergies across their processes, and higher returns on operational investment.



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