



# Sigma DS2 Direct-to-Card Printer

## HIGHLIGHTS

### Sigma: The next generation of direct-to-card printing

Entrust Datacard® Sigma ID Card Printers are specifically designed for today's cloud environments and give you the ability to easily issue the most secure identities in the world.

- **Simple:** From unboxing to issuing ID cards and mobile flashpasses to managing your printer, we made sure Sigma was the most user-friendly ID card issuance solution in the world
- **Secure:** Our industry-leading issuance security architecture will keep your cards and your customers' data safe and secure each step of the issuance process
- **Smart:** Forward-thinking technology and scalability allow you to expand your ID card program as your needs evolve

## KEY FEATURES & BENEFITS

### The world's most user-friendly ID card printer

- Intuitive printer dashboard lets you see printer status, order supplies, check cleaning status, update firmware, or contact help – all from your mobile device
- Seamless self-service lets you access how-to videos and other helpful resources by simply scanning QR code on the LCD display
- Variable LED light ring lets you incorporate brand colors or other customization into your ambient environment
- Pre-loaded ribbon cassettes make switching ribbons easy

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## Unmatched security

- Secure boot protects system from malware or virus on boot-up
- Trusted Platform Module (TPM) manages the printer's own TLS/SSL certificates and keys
- Connection and data sent between software and printer is encrypted
- Customer data is encrypted and is not stored in the printer after printing is complete
- Luster printing and other security features added to cards protect from tampering and counterfeiting

## Flexibility and scalability built for the future

- Issuance capabilities include physical cards and digital mobile flashpass
- Choose on-premises or cloud-hosted deployment
- Expand your ID Program as your needs change by adding smart card capabilities, wi-fi connectivity, and more
- Print anytime, anywhere with your mobile device (iOS, Android, Windows)



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## TECHNICAL SPECIFICATIONS

### Standard Features & Supplies

Print technology	Dye sublimation
Print capabilities	Single or dual-sided
Print resolution	300 dots per inch (dpi) (300 X 600, 300 X 1200)
Print speed	Single-sided color ribbon: up to 225 cards per hour (cph) Double-sided color ribbon: Up to 140 cards per hour (cph)
Card capacity	Input hopper: 125 cards Output hopper: 25 cards
Card sizes	Thickness: 0.010 inches to 0.040 inches (0.25mm - 1.016mm) Dimension: ID-1, CR-79
Operating environment	Temperature: 60°F to 95°F (15°C to 35°C) Humidity: 20-80% RH - non condensing
Physical dimensions	L 17.4 in x W 8.9 in x H 9 in / 44.2 cm x 22.6 cm x 22.9 cm
Weight	11.3 lbs (5.49 kg); will vary with options
Connectivity	USB and Ethernet
Warranty	36 months



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## Optional Features & Supplies

Magnetic stripe encoding	ISO 7811 three-track support (high- and low-coercivity) JIS Type II single-track option	
WiFi	WiFi types: 802.11g/n Authentication modes: None, WPA2 Dual-band 2.4GHz & 5GHz	
Smart card encoding	Single wire or loosely coupled: <ul style="list-style-type: none"><li>• Contact smart card encoding: ISO 7816 T=0 (T=1), Class A 5V (3V and 1.8V)</li><li>• Contactless smart card encoding: ISO 14443 – A &amp; B, ISO 15693, MiFare Series, DESFire Series, HID iCLASS Series, HID Prox (125 KHZ)</li></ul>	
Color ribbons*	YMCKT	250/500 images
	ymcKT	650 images
	YMCKT-KT	350 images
	KT	1000 images
	KTT	750 images
	YMCKF-KT	300 images
	YMCKL-KT	300 images
	ST-KT	500 images
	GT-KT	500 images
Monochrome ribbons	Black, white, blue, red, green, scratch-off, silver matte, gold matte, silver metallic, and gold metallic: 1500 images	

\* Color ribbon guide: Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Topcoat, F=UV fluorescent, L=Luster, y=1/2 panel Yellow, m=1/2 panel Magenta, c=1/2 panel Cyan, S=Silver matte, G=Gold matte.

## About Entrust Datacard Corporation

Consumers, citizens, and employees increasingly expect anywhere-anytime experiences — whether they are making purchases, crossing borders, accessing e-gov services, or logging onto corporate networks. Entrust Datacard offers the trusted identity and secure transaction technologies that make those experiences reliable and secure. Solutions range from the physical world of financial cards, passports, and ID cards to the digital realm of authentication, certificates, and secure communications. With more than 2,500 Entrust Datacard colleagues around the world, and a network of strong global partners, the company serves customers in 150 countries worldwide.



### Corporate Headquarters

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