Sigma DS3
Direct-to-Card Printer

HIGHLIGHTS

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

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

- **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 a 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

- Optional locks

- 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 multi-hopper, smart card capabilities, color tactile printing, and more

- Print anytime, anywhere with your mobile device (iOS, Android, Windows)

STUDENT ID

BULLDOGS

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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 250 cards per hour (cph) Double-sided color ribbon: up to 180 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	12.1 lbs (5.49 kg); varies with options
Connectivity	USB and Ethernet
Warranty	36 months

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 Personal Dual-band 2.4GHz & 5GHz
Smart card encoding	Single wire or loosely coupled: • Contact smart card encoding: ISO 7816 T=0 (T=1), Class A 5V (3V and 1.8V) • Contactless smart card encoding: ISO 14443 A/B, ISO 15693, MIFARE, MIFARE DESFire EV1/EV2, HID Prox, iClass, iClass SE, iClass Seos, Felica
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 YMCK & YMCK-KK — 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.

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