



Sigma DS3 Direct-to-Card Printer with Tactile Impression Module

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
- Optional pre-loaded ribbon cassettes make switching ribbons easy
- Innovative patented printhead protector feature shields the printhead during ribbon replacement or printer servicing, which helps to extend the printhead life. Enables you to easily fix the issue at hand without having to worry about damaging the printhead.

Learn more about the Sigma DS3 printer at entrust.com



Sigma DS3 Direct-to-Card Printer with Tactile Impression Module

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
- Security features added to cards protect from tampering and counterfeiting:
 - UV printing
 - Luster printing
 - Color tactile printing

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)





Sigma DS3 Direct-to-Card Printer with Tactile Impression Module

TECHNICAL SPECIFICATIONS

Standard Features & Supplies

Print technology	Dye-sublimation/resin thermal transfer
Print capabilities	Single or dual-sided, rewritable technology
Print resolution	300 dots per inch (dpi) (300 X 600, 300 X 1200)
Print and tactile speed	Tactile Impression Module speed up to 150 cards per hour (cph) Monochrome printing: Up to 1,100 cards per hour, single-sided
Card capacity	Input hopper: 125 cards Output hopper: 25 cards Reject hopper: 10 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 26.25 in x W 8.9 in x H 9.5in / L 66.7 cm x 22.6cm x 24.1cm
Weight	21.5 lbs (9.75 kg)
Connectivity	USB and Ethernet
Warranty	36 months
Web browser support for Instant ID as a Service	Chrome - Preferred Edge/Internet Explorer Safari
Operating system support for printer driver	Windows 10 versions, 32- and 64-bit Windows 8.1, 32- or 64-bit Windows Server 2019 Windows Server 2016 Windows Server 2012, R2, 64-bit





Sigma DS3 Direct-to-Card Printer with Tactile Impression Module

TECHNICAL SPECIFICATIONS

Optional Features & Supplies

Magnetic stripe encoding	ISO 7811 three-track support (high- and low-coercivity) JIS Type II single-track option																														
Multi-hopper	Six compartment multi-hopper (six 125-card hoppers, 750-card total capacity)																														
WiFi	WiFi types: 802.11g/n Authentication modes: None, WPA2 Personal Dual-band 2.4GHz and 5GHz																														
Smart card encoding	Single wire or loosely coupled: <ul style="list-style-type: none">• 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*	<p>Prefilled print ribbon cassettes:</p> <table><tr><td>YMCKT</td><td>500 images</td></tr><tr><td>YMCKT-KT</td><td>350 images</td></tr><tr><td>KTT</td><td>750 images</td></tr><tr><td>ST-KT</td><td>500 images</td></tr><tr><td>GT-KT</td><td>500 images</td></tr></table> <p>Refill print ribbon kits:</p> <table><tr><td>YMCKT</td><td>250/500 images</td></tr><tr><td>ymcKT</td><td>650 images</td></tr><tr><td>YMCKT-KT</td><td>350 images</td></tr><tr><td>ymcKT-KT</td><td>435 images</td></tr><tr><td>KT</td><td>1,000 images</td></tr><tr><td>KTT</td><td>750 images</td></tr><tr><td>YMCKF-KT</td><td>300 images</td></tr><tr><td>YMCKL-KT</td><td>300 images</td></tr><tr><td>YMCK**</td><td>500 images</td></tr><tr><td>YMCK-K**</td><td>500 images</td></tr></table>	YMCKT	500 images	YMCKT-KT	350 images	KTT	750 images	ST-KT	500 images	GT-KT	500 images	YMCKT	250/500 images	ymcKT	650 images	YMCKT-KT	350 images	ymcKT-KT	435 images	KT	1,000 images	KTT	750 images	YMCKF-KT	300 images	YMCKL-KT	300 images	YMCK**	500 images	YMCK-K**	500 images
YMCKT	500 images																														
YMCKT-KT	350 images																														
KTT	750 images																														
ST-KT	500 images																														
GT-KT	500 images																														
YMCKT	250/500 images																														
ymcKT	650 images																														
YMCKT-KT	350 images																														
ymcKT-KT	435 images																														
KT	1,000 images																														
KTT	750 images																														
YMCKF-KT	300 images																														
YMCKL-KT	300 images																														
YMCK**	500 images																														
YMCK-K**	500 images																														
Monochrome ribbons	Refill print ribbon kits in black, white, blue, red, green, scratch-off, silver matte, gold matte, silver metallic, and gold metallic: 1,500 images																														
Tactile foil cassettes	<ul style="list-style-type: none">• Silver metallic, gold metallic, copper metallic, and black gloss: 1,000 images• White gloss: 750 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.

**For use in conjunction with laminator module topcoats or overlays

Panel print ribbon yields stated are typically the maximum number of panel sets per roll.

Monochrome print ribbon yields stated are the minimum achievable per roll. Actual yields may be more than 3 times greater due to Entrust monochrome ribbon saver features.

Learn more at
entrust.com



Entrust, Sigma, and the hexagon logo are trademarks, registered trademarks, and/or service marks of Entrust Corporation in the U.S. and/or other countries. All other brand or product names are the property of their respective owners. Because we are continuously improving our products and services, Entrust Corporation reserves the right to change specifications without prior notice. Entrust is an equal opportunity employer.
© 2021 Entrust Corporation. All rights reserved. 22Q2-sigma-ds3-direct-to-card-printer-tactile-impression-module-ds

Global Headquarters
1187 Park Place, Minneapolis, MN 55379
U.S. Toll-Free Phone: 888 690 2424
International Phone: +1 952 933 1223