



ENTRUST



Sigma DS2 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 help protect your cards and your customers' data during 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 the 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

Learn more about the Sigma DS2 printer at entrust.com

➤ Sigma DS2 Direct-to-Card Printer

Unmatched security

- Secure Boot cryptographically authenticates firmware, preventing printer operation if unauthorized modifications are detected
- Trusted Platform Module (TPM) secures a factory-installed Entrust-backed TLS certificate
- Network communication in accordance with NIST SP 800-52 Rev. 2 recommendations when using TLS 1.2 or 1.3 with strong cryptographic protocols
- Zero Trust network support using RADIUS enabled IEEE 802.1x password or certificate-based

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, WiFi connectivity, and more
- Print anytime, anywhere with your mobile device (iOS, Android, Windows)





Sigma DS2 Direct-to-Card Printer

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) Monochrome printing: Up to 880 single-sided 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, CR-80
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 8.3 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
Operating system support for printer driver	Windows 11 Windows 10, 32- and 64-bit Windows Server 2022 Windows Server 2019 Linux Ubuntu 20.04 LTS Linux Kylin 10





Sigma DS2 Direct-to-Card Printer

Optional Features & Supplies

Magnetic stripe encoding	ISO 7811 three-track support (high- and low-coercivity) JIS Type II single-track option	
WiFi	Standards: 802.11g/n/ac Frequencies: 2.4GHz & 5GHz Authentication modes: WPA2 Personal, WPA2 Enterprise	
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 PLUS, MIFARE® DESFire EV1/EV2/EV3, HID Prox, iClass, iClass SE, iClass Seos, Felica	
Color ribbons**	YMCKT ymcKT YMCKT-KT KT KTT ST-KT YMCKF-KT YMCKL-KT ST-KT GT-KT	250/500 images 650 images 350 images 1,000 images 750 images 500 images 300 images 300 images 500 images 500 images
Monochrome ribbons	Black, white, blue, red, green, scratch-off, silver matte, gold matte, silver metallic, and gold metallic: 1,500 images	

*Compatibility with specific features of new card technologies should always be confirmed.

**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.



Learn more at
entrust.com



ENTRUST

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.
© 2024 Entrust Corporation. All rights reserved. DS25Q2-Sigma-DS2-Direct-to-Card-Printer-DS

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



AUTHORIZED DISTRIBUTOR

ScreenCheck, a Centena group company, is a leading value added distributor of physical security and identification solutions across the Middle East and Africa. Screencheck provides individual as well as end-to-end integrated solutions for

- ▶ ID Card Issuance
- ▶ Attendance Management
- ▶ Access Control
- ▶ CCTV Solutions
- ▶ A.I Enhanced Security Systems
- ▶ RFID Solutions
- ▶ Speed Gates & Turnstiles
- ▶ Visitor & Workspace Management
- ▶ Data Center Solutions
- ▶ UPS Solutions

and other innovations that meet 21st-century security requirements. The unique solutions are catered to Government, Corporate, Educational, Manufacturing, Retail and other major industries. The global domain expertise and a network of 30+ worlds leading brands under one roof, has made ScreenCheck the entrusted identification and security solutions partner in the region.

SCREENCHECK MIDDLE EAST FZ LLC

#1712, Grosvenor Business Tower, Tecom Area, Dubai, United Arab Emirates.

www.screencheckme.com

Talk to Us:
 **+971 4 3910707**

Write to us:
 **enquiry.screencheckme@centena.com**