



DATA SHEET

Sigma DS2C Direct-to-Card Printer

HIGHLIGHTS

Sigma DS2C: The next generation of cloud printing

The Sigma DS2C Card Printer is specifically designed for the Instant ID as a Service (IIDaaS) Ribbon, combining the best-in-class security and simplicity of Entrust software with the power and efficiency of our printers.

- **Simple and seamless:** From unboxing to printing with ease, our cloud ribbon-only printer ensures a seamless setup and operation for all your printing needs. We designed it to be the most user-friendly cloud-based ribbon printing solution available.
- **Secure by design:** Built with industry-leading security architecture, our printer safeguards your print jobs and sensitive data at every step of the process, ensuring both peace of mind and data integrity.
- **Smart and dynamic:** Leveraging advanced cloud technology and scalability, our printer grows with your needs, making it simple to expand and evolve your printing program over time.

KEY FEATURES & BENEFITS

User-friendly ID card printing

- Issue credentials at scale from your favorite web browser on any device with an internet connection.
- Set your own pace with fast online account opening, meaning you can issue your first credential on day one.
- Included in-region software support and 48-month printer warranty allows you to issue credentials with confidence.
- See printer status, order supplies, check cleaning status, or update firmware directly from our intuitive printer dashboard available on your mobile device.
- IIDaaS Ribbons combines two required consumables, software and supplies, into one product. Now ordering more ribbons is also renewing software.
- Extend the life of your printhead with an innovative, patented protection feature that shields the printhead during ribbon replacement or printer servicing.



ENTRUST
SECURING A WORLD IN MOTION

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 is used 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 supports using RADIUS-enabled IEEE 802.1x password or certificate-based authentication

Lightning-fast Card Production Setup

IT'S AS EASY AS...



Order IIDaaS Ribbons from your preferred distributor or reseller



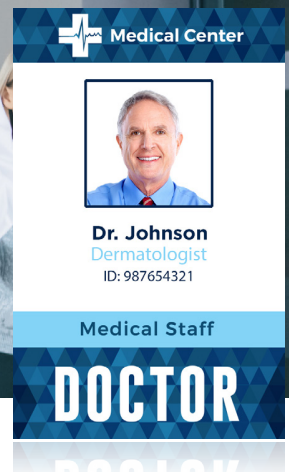
Scan the QR code inside the box to create a new account

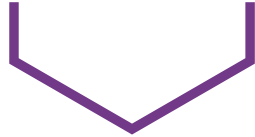


Issue your first credential on day one by simply installing the ribbon in the printer



Learn more about
the Sigma DS2C
printer at entrust.com





Standard Features & Supplies

| | |
|---|---|
| Print technology | <ul style="list-style-type: none">• Dye-sublimation/resin thermal transfer |
| Print capabilities | <ul style="list-style-type: none">• Dual-sided rewritable technology |
| Print resolution | <ul style="list-style-type: none">• 300 dots per inch (dpi) (300 X 600, 300 X 1200) |
| Print speed | <ul style="list-style-type: none">• 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 cards per hour; single sided |
| Card capacity | <ul style="list-style-type: none">• Input hopper: 125 cards• Output hopper: 25 cards |
| Card sizes | <ul style="list-style-type: none">• Thickness: 0.010 inches to 0.040 inches (0.25mm - 1.016mm)• Dimension: ID-1, CR-79, CR-80 |
| Operating environment | <ul style="list-style-type: none">• Temperature: 60°F to 95°F (15°C to 35°C)• Humidity: 20-80% RH – non-condensing |
| Physical dimensions | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 11.3 lbs (5.49 kg); will vary with options |
| Connectivity | <ul style="list-style-type: none">• Ethernet |
| Warranty | <ul style="list-style-type: none">• 48 months |
| Web browser support for Instant ID as a Service | <ul style="list-style-type: none">• Chrome (preferred)• Edge/Internet Explorer• Safari |

Optional Features & Supplies

| | | | | | | | |
|---------------------------|---|-------|------------|-------|------------|----------|------------|
| Magnetic stripe encoding | <ul style="list-style-type: none">• ISO 7811 three-track support (high- and low-coercivity)• JIS Type II single-track option | | | | | | |
| WiFi | <ul style="list-style-type: none">• WiFi types: 802.11g/n• Authentication modes: None, WPA2 Personal• Dual-band 2.4GHz & 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 Duplex Only) | | | | | | |
| Supported IIDaaS Ribbons* | <table><tr><td>YMCKT</td><td>250 images</td></tr><tr><td>YMCKT</td><td>500 images</td></tr><tr><td>YMCKT-KT</td><td>350 images</td></tr></table> | YMCKT | 250 images | YMCKT | 500 images | YMCKT-KT | 350 images |
| YMCKT | 250 images | | | | | | |
| YMCKT | 500 images | | | | | | |
| YMCKT-KT | 350 images | | | | | | |

* Color ribbon guide: Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Topcoat

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

For more information

888.690.2424
+1 952 933 1223
sales@entrust.com
entrust.com

ABOUT ENTRUST CORPORATION

Entrust is an innovative leader in identity-centric security solutions, providing an integrated platform of scalable, AI-enabled security offerings. We enable organizations to safeguard their operations, evolve without compromise, and protect their interactions in an interconnected world – so they can transform their businesses with confidence. Entrust supports customers in 150+ countries and works with a global partner network. We are trusted by the world most trusted organizations.



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

 **Learn more at**
entrust.com

Entrust 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. AM25Q2-entrust-adaptive-issuance-instant-id-ds



CardServ ID Pty Ltd
www.csid.com.au
enquiries@csid.com.au
1300 011 156
Unit 4, 242D New Line Road
Dural NSW 2158
Sydney, Australia