



DS3 Direct to Card Printer



ENTRUST DS3 Direct to Card Printer Owner's Manual

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ENTRUST DS3 Direct to Card Printer



HIGHLIGHTS

The next generation of instant ID issuance

Entrust Sigma ID Card Printers are specifically designed for today's cloud environments and give you the ability to easily issue full-color single- or dual-sided ID cards. This model's input and output hopper capabilities add flexible batch printing capabilities.

- **Simple:** From unboxing to issuing ID cards and mobile flash passes 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 advanced instant card solution

- **Multi-Hopper:** Pre-load multiple types of cards for different ID types and expand batch printing throughput (three 125-card input hoppers and three 125-card output hoppers)
- **Intuitive Printer Dashboard:** See printer status, order supplies, check cleaning status, update firmware, or contact help, all from your mobile device
- **Seamless Self-Service:** Access how-to videos and other resources by simply scanning a QR code on the LCD
- **Variable LED Light Ring:** Incorporate brand colors or other customization into your ambient environment
- **Pre-Loaded Ribbon Cassettes:** Switch ribbons faster and easier

Unmatched security

Optional locks

- Secure boot protects the system from malware or viruses on boot-up
- The 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 protect from tampering and counterfeiting:
 - UV printing
 - Luster printing

Flexibility and scalability built for the future

- Issuance capabilities include physical cards and digital mobile flash pass
- Choose on-prem or driver deployment
- Expand your ID program as your needs change by adding multi-hopper, smart card capabilities, WiFi connectivity, and more
- Print anytime, anywhere with your mobile device (iOS, Android, Windows)



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, lamination, and tactile speed**
 - **Single-sided color ribbon (YMCKT):** Up to 250 cards per hour (cph)
 - **Double-sided color ribbon (YMCKT-KT):** Up to 180 cards per hour (cph)

- **Single-sided monochrome ribbon (black HQ):** Up to 1,100 cards per hour (cph)
- **Card capacity Input hopper:** 375 cards
- **Output hopper:** 375 cards
- **Reject hopper:** 10 card
- **Card sizes Thickness:** 0.010 in to 0.040 in (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 23 in x W 13.4 in x H 16.2 in (58.4 cm x 34 cm x 41.1 cm)
- **Weight** 30 lbs (13.62 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 and 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** 1,000 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: 2,500 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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FAQs

- **Q: What card sizes are supported by the Sigma DS3 Printer?**
 - **A:** The printer supports card sizes with a thickness ranging from 0.010 into 0.040 in (0.25mm – 1.016mm) and dimensions of ID-1, CR-79, and CR-80.
- **Q: How can I encode magnetic stripes using the printer?**
 - **A:** The printer offers optional magnetic stripe encoding features supporting ISO 7811 three-track and JIS Type II single-track options.
- **Q: What is the warranty period for the Sigma DS3 Printer?**
 - **A:** The printer comes with a warranty of 36 months from the date of purchase.

CONTACT INFORMATION

- Global Headquarters
- 1187 Park Place, Minneapolis, MN 55379
- **U.S. Toll-Free Phone:** 888 690 2424
- **International Phone:** +1 952 933 1223
- [Learn more about the Sigma DS3 Direct-to-Card ID Printer at **entrust.com**.](#)
- [Learn more at **entrust.com**.](#)

Documents / Resources

 <p>Sigma DS3 Direct-to-Card Printer With 375 Input and 375 Output Multi-Hopper</p> <p>ENTRUST</p> <p>OWNER'S MANUAL</p> <p>DS3, 375, DS3 Direct to Card Printer, DS3, Direct to Card Printer, to Card Printer, Card Printer, Printer</p>	<p>ENTRUST DS3 Direct to Card Printer [pdf] Owner's Manual DS3, 375, DS3 Direct to Card Printer, DS3, Direct to Card Printer, to Card Printer, Card Printer, Printer</p>
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References

- [User Manual](#)

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