Manuals+ — User Manuals Simplified.

DS3 Sigma Direct Card Printer

ENTRUST DS3 Sigma Direct Card Printer Instructions

Contents

ENTRUST DS3 Sigma Direct Card Printer

Product Usage Instructions

1. Ensure the printer is placed on a stable surface in the recommended operating environment.
2. Connect the printer to a power source using the provided power cable.
3. Connect the printer to your computer using either the USB or Ethernet connection.
4. Install the necessary printer drivers based on your operating system support.
5. Load the input hopper with up to 125 cards for printing.
6. Select the desired print settings such as single or dual-sided printing and print resolution.
7. Insert the appropriate color ribbon based on your printing requirements.
8. Initiate the printing process through the provided software or driver interface.
9. Collect the printed cards from the output hopper once the printing is complete.

Frequently Asked Questions

Q: What are the optional features available for the Sigma DS3 Direct-to-Card Printer?

A: Optional features include magnetic stripe encoding, multi-hopper with increased card capacity, WiFi connectivity, and smart card encoding supporting various card types.

Q: What is the warranty period for the Sigma DS3 Direct-to-Card Printer?

A: The printer comes with a warranty of 36 months from the date of purchase.

Q: What are the recommended color ribbons available for this printer?

A: The printer supports various color ribbons such as YMCKT, YMCKT-KT, KTT, ST-KT, GT-KT, and more, each offering different image yields.

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 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 keep your cards and your customers' data safe and secure at 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
- 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.

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
- 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 flash pass
- 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)

TECHNICAL SPECIFICATIONS

Standard Features & Supplies

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)
Monochrome printing	Up to 1,100 cards per hour single-sided
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, CR-80
Operating environment	Temperature: 60°F to 95°F (15°C to 35°C) Humidity: 20-80% RH – noncondensing
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
Web browser support for Instant ID as a Service	Chrome – Preferred Edge/Internet Explorer Safari
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

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 & 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*	Prefilled print ribbon cassettes: YMCKT 500 images YMCKT-KT 350 images KTT 750 images ST-KT 500 images GT-KT 500 images Refill print ribbon kits: 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
Monochrome ribbons	Black, white, blue, red, green, scratch-off, silver matte, gold matte, silver metallic, and gold metallic: 1,500 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.

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.

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Documents / Resources

[ENTRUST DS3 Sigma Direct Card Printer](#) [pdf] Instructions
DS3 Sigma Direct Card Printer, DS3, Sigma Direct Card Printer, Direct Card Printer, Card Printer, Printer

References

- [User Manual](#)