



ENTRUST



Sigma DS4-ES1 Instant Issuance System with Embosser

SOLUTION HIGHLIGHTS

Sigma: The next generation of instant card issuance

Entrust Sigma Instant Issuance Systems are specifically designed for today's cloud environments and give you the ability to easily issue the most secure financial cards in the world.

- **Simple:** From unboxing to issuing cards to managing your printer, we made sure Sigma was the most user-friendly 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 card issuance program as your needs evolve

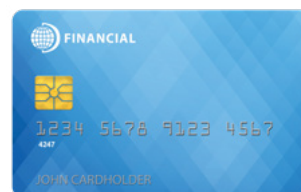


Single-hopper with embosser

KEY FEATURES & BENEFITS

The world's most user-friendly financial 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
- Pre-loaded ribbon cassettes make switching ribbons easy
- Optional multi-hopper enables multiple card designs from a single printer
- Removable card cassettes make securing card stock overnight a breeze



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COMPULYNX
Technology for a Better Tomorrow



Sigma DS4-ES1 Instant Issuance System

TECHNICAL SPECIFICATIONS

Standard Features & Supplies

Print technology	Dye sublimation / resin thermal transfer
Print capabilities	Single- or dual-sided edge-to-edge, full-color, and monochrome printing
Print resolution	<ul style="list-style-type: none">• Standard mode: 300 dots per inch (dpi) (300 X 600, 300 X 1200) standard text, bar code, and graphics printing• TrueMatch™ printing technology. Ability to conform to ICC color workflow
Print speed	<ul style="list-style-type: none">• 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)• Double-sided monochrome ribbon (black HQ): up to 500 cards per hour (cph)• 60 seconds to encode mag stripe, indent, emboss, and top the card• 64 seconds to print monochrome graphics, encode mag stripe, indent, emboss, and top the card• 78 seconds to print color graphics, encode mag stripe, indent, emboss, and top the card
Card capacity	Input hopper: 125 cards (based on 0.03-in. card thickness) Output hopper: 25 cards Reject holding tray: 10 cards Front exception card slot
Card sizes	Thickness: 0.010 inches to 0.040 inches (0.25mm - 1.016mm) Dimension: ID-1, CR-79
Embossing/Indenting	<ul style="list-style-type: none">• 75-character embossing/indenting wheel, financial format per ID-1 ISO 7811-3• Single- or dual-sided• Mastercard security characters Helvetica® characters OCR-A1, OCR-B1
Operating environment	Temperature: 60°F to 95°F (15°C to 35°C) Humidity: 20-80% RH - non condensing
Magnetic stripe encoding	ISO 7811 three-track support (high- and low-coercivity) JIS Type II single-track option
Smart card personalization	<ul style="list-style-type: none">• Contact and contactless smart card encoding for ISO 14443 A/B, ISO 15693, MIFARE®, MIFARE® DESFire® EV1/EV2• Single-wire connectivity Supports production of EMV® level-1 compliant card
Security features	<ul style="list-style-type: none">• Software-activated lock to secure card stock, supplies, and reject card hopper• TLS/SSL encryption, supports AES-256• Bolt-down ready• Secure cable lock (sold separately)• Concealed output hopper• Password-protected cabinet• Non-resettable card counter for auditing
LCD display languages	English, Spanish, German, Italian, and Japanese

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