

DATASHEET

Entrust Datacard DS3 Direct-to-Card Printer With Multi-Hopper

HIGHLIGHTS

The Next Generation of Instant ID Issuance

Entrust® Datacard® (formerly 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 multi-hopper adds versatility and throughput capacity.

- **Simple:** From unboxing to issuing ID cards and mobile flashpasses to managing your printer, we made sure Datacard 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

- **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 display
- **Variable LED Light Ring:** Incorporate brand colors or other customization into your ambient environment
- **Pre-Loaded Ribbon Cassettes:** Switch ribbons faster and easier
- **Multi-Hopper:** Pre-load multiple types of cards for different ID types/tiers and expand throughput (six 125-card hoppers for a 750-card total capacity)

Unmatched Security

- Optional locks
- Secure boot protects system from malware or virus on boot-up
- 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 flashpass
- Choose on-premises or cloud-hosted 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: 750 cards Output hopper: 25 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



Technical Specifications

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*	<table> <tr> <td>YMCKT</td><td>250/500 images</td></tr> <tr> <td>ymcKT</td><td>650 images</td></tr> <tr> <td>YMCKT-KT</td><td>350 images</td></tr> <tr> <td>KT</td><td>1,000 images</td></tr> <tr> <td>KTT</td><td>750 images</td></tr> <tr> <td>YMCKF-KT</td><td>300 images</td></tr> <tr> <td>YMCKL-KT</td><td>300 images</td></tr> <tr> <td>ST-KT</td><td>500 images</td></tr> <tr> <td>GT-KT</td><td>500 images</td></tr> <tr> <td>YMCK & YMCK-KK</td><td>500 images</td></tr> </table>	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
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