EM2
Direct-to-Card Printer

Efficient, affordable dual-sided printing

OVERVIEW

The Entrust EM2 Direct-to-Card Printer is all about value and versatility. With dual-sided printing, secure card encoding capabilities, and USB and ethernet connectivity, it's the perfect budget-friendly printer for a variety of applications such as:

- Corporate IDs
- Student IDs
- Retail gift and loyalty cards
- Membership ID cards
- Transportation cards

KEY FEATURES AND BENEFITS

Small footprint

Allows users to work effectively in any location or workstation size.

Efficient

Print up to 880 single-sided monochrome cards per hour; 225 full-color single-sided cards per hour.

Versatile

- Single- or dual-sided printing
- USB and ethernet connectivity
- Contact and contactless smart card encoding

Affordable

The EM2 card printer and its supplies are competitively priced to fit modest budgets.

Secure card option

Smart card and magnetic stripe encoding options allow you to create secure ID cards to give authorized users secure access to facilities, networks, and other privileges.

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EM2 Direct-to-Card Printer

TECHNICAL SPECIFICATIONS

Standard Features and Supplies

Print technology	Dye sublimation
Print capabilities	Single- or dual-sided
Print resolution	300 dots per inch
Print speed	Single-sided full-color (YMCKT): up to 225 cards per hour (cph) Single-sided monochrome: up to 880 cph
Card capacity	Input hopper: 125 cards Output hopper: 25 cards Reject hopper: 10 cards
Card sizes	Thickness: 0.01 in. – 0.04 in. (0.25 mm – 1.016 mm) Dimension: CR-80, CR-79
Operating environment	60°F – 95°F (15°C – 35°C)
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	Single-sided printing: 11.3 lbs. (5.13 kg)
Connectivity	USB and Ethernet
Warranty	24 months

Operational Features and Supplies*

Magnetic stripe encoding	ISOA/IAT	
Smart card encoding	Loosely coupled: • Contact: ISO7816 T=0 (T=1) (dual-sided only)	
	• Contactless: ISO 14443 A/B, ISO 15693, MIFARE, MIFARE® DESFire® EV1/EV2, HID Prox, iClass, iClass SE, iClass Seos, dual-sided only: Felica	
Color ribbons**	YMCKT	250/500 images
	ymcKT	650 images
	YMCKT-KT:	350 images
	ymcKT-KT:	435 images
Monochrome ribbons***	Black	2,500 images
	White	2,500 images
	Additional monochrome options available	

Color ribbon guide: Y=Yellow, M=Magenta, C=Cyan, K=Black, T=Topcoat, y=1/2 panel Yellow, m=1/2 panel Magenta, c=1/2 panel Cyan

* All supply yields are estimates and vary based on use conditions.
** Color Panel Ribbons state the absolute maximum yield possible.
*** Monochrome Ribbons state the maximum yield based on full card print coverage. Entrust ribbon conservation technology enables monochrome ribbons to increase yield based on actual images printed for each card.

Learn more at
entrust.com