EM1
Direct-to-Card Printer

Efficient, affordable single-sided printing

OVERVIEW

The Entrust EM1 Direct-to-Card Printer is all about value and versatility. With 300-dpi full-color or monochrome printing and secure card encoding capabilities, 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.

Easy-to-use

Anybody can use it, not just the service techs.

Efficient

Print up to 660 single-sided monochrome cards per hour; 175 full-color single-sided cards per hour.

Affordable

The EM1 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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TECHNICAL SPECIFICATIONS

Standard Features

Print technology	Dye sublimation
Print capabilities	Single-sided
Print resolution	300 dots per inch
Print speed	Single-sided full-color (YMCKT): up to 175 cards per hour (cph) Single-sided monochrome: up to 660 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	11.3 lbs. (5.13 kg)
Connectivity	USB only
Warranty	24 months

Optional Features and Supplies*

Magnetic stripe encoding	ISOA/IAT
Smart card encoding	Loosely coupled: ISO 14443 A/B, ISO 15693, MIFARE, MIFARE® DESFire® EV1/EV2, HID Prox, iClass, iClass SE, iClass Seos
Color ribbons**	YMCKT 250/500 images ymcKT 650 images
Monochrome ribbons***	Black 1,500 images White 1,500 images Additional monochrome options available

* All supply yields are estimates and vary based on use conditions.
** 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 CyanColor 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.