

**DATACARD®**

## RP90 CARD PRINTER AND RL90 CARD LAMINATOR



### High-yield, easy-to-load supplies

The Datacard® RP90 card printer and RL90 card laminator print and laminate on any card surface in the landscape configuration to maximize supply yield. This does not affect card design flexibility; you can produce cards in landscape or portrait orientation. Our laminates and topcoats are specifically formulated to maximize the security and durability of cards printed on the RP90 card printer, so you can expect outstanding results. Plus, the RP90 card printer is designed for simple ribbon loading, with intuitive instructions included on ribbon cassettes and on supplies packaging.

## HIGH-PERFORMANCE PRINTING FOR HEAVY-DUTY APPLICATIONS

Heightened safety and security concerns are driving demand for photo IDs that incorporate smart card technology and unconventional card materials. The Datacard® RP90 card printer is specifically engineered to help government agencies and other organizations meet these requirements easily and cost-effectively with durable, high-quality cards.

- **Exceptional durability.** The Datacard® RP90 prints on re-transfer film, not the card itself. This innovative technology offers a layer of protection for printed information. Plus, it allows you to print high-quality photo IDs on a wide variety of card surfaces, including heavy-duty, non-PVC material that offers significantly higher durability than traditional cards.
- **Superior versatility.** The RP90 card printer is ideal for issuing contact, contactless, proximity or dual-interface smart cards. It prints right up to the edge of the smart card chip or directly over embedded chips. Re-transfer printing also provides vivid, sharp results with full coverage for conventional photo IDs with magnetic stripes and bar codes.
- **High security.** The optional Datacard® RL90 card laminator can be used in tandem with the RP90 printer to apply a range of Datacard® DuraGard® clear and secure laminates and topcoats that extend card life and enhance security.

**Datacard** Group

SECURE ID AND CARD PERSONALIZATION SOLUTIONS



The Datacard® RP90 card printer uses unique re-transfer printing technology to deliver exceptional, full coverage on a wide range of non-PVC cards, including contact and contactless smart cards.

## DATACARD® RP90 CARD PRINTER

### Standard Features

#### Print capabilities

- One-sided or two-sided printing
- Full coverage
- Continuous-tone, full-color; or black-and-white photos

#### Printing method

- Dye sublimation re-transfer

#### Card types (ISO ID-1/CR-80 size)

- PVC
- ABS
- PET
- Polycarbonate

#### Connectivity

- USB 2.0 connectivity

#### Capacity

- Input hopper: 300 cards, 0.030 in. (0.76mm)
- Output hopper: 100 cards, 0.030 in. (0.76mm)

#### Supplies

- YMCK ribbon (1,000 images)
- YMCK-K ribbon (750 cards)
- InTM re-transfer film (1,000 images)
- DuraGard® 1.0 mil Clear Laminate (600 images)
- DuraGard® 1.0 mil Secure Laminate (600 images)
- Clear topcoat (1,000 images)
- Secure topcoat (1,000 images)
- DuraGard® 0.6 mil Secure Laminate (600 images)

#### Print drivers

- Microsoft® Windows® 2000 and XP operating systems

#### Warranties

- 12-month standard depot warranty

### Options

RL90 one-sided laminator for .6 mm and 1.0 mm clear and secure laminates (recommended for non-PVC card surfaces only)

Magnetic stripe and contact station for external reader

Contact/Contactless reader

### Specifications

#### Physical dimensions (RP90)

L 13.7 in. x W 13.5 in. x H 15 in.  
(347 mm x 343 mm x 381 mm)

#### Weight (RP90)

48.5 lbs. (22 kg)

#### Physical dimensions (RL90)

L 12.74 in. x W 8.15 in. x H 12.13 in.  
(323.6 mm x 207 mm x 308 mm)

#### Weight (RL90)

17.6 lbs. (8 kg)

#### Print resolution

300 dots per inch (dpi)

#### Print speed

Up to 100 four-color; one-sided cards per hour

#### Card thickness accepted

.03 in. +/- 10% only

#### Operating Environment

60° - 86° F (15° - 30° C)  
35 - 70% relative humidity

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DP5-9011