

DATACARD® RP90 PLUS CARD PRINTER AND RL90 CARD LAMINATOR



High-yield, easy-to-load supplies

The RP90 Plus card printer with RL90 card laminator prints and laminates 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 Plus card printer. The printer is also designed for simple ribbon loading. These ribbons feature Intelligent Supplies Technology™ to provide automated color and image density adjustment, usage tracking and conservation.

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 Plus 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 RP90 Plus card printer prints on retransfer film, not the card itself. This innovative technology offers a layer of protection for printed information. It also 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 Plus 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. Retransfer 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 Plus printer to apply a range of Datacard® DuraGard® clear and secure laminates and topcoats that extend card life and enhance security.

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SECURE ID AND CARD PERSONALIZATION SOLUTIONS



DATACARD® RP90 PLUS CARD PRINTER

The Datacard® RP90 Plus 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.

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)

Print driver

- Microsoft® Windows® 2000 and XP operating systems

User-friendly operation

- Automatic card feed
- Easy access components include quick change ribbon and laminate cassettes
- Exception card slot

Warranties

- 12-month standard depot warranty
- 12-month printhead 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 smart card contact station for external reader
- Contact/contactless smart card encoder/reader

Specifications

Physical dimensions (RP90 Plus)

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

Weight (RP90 Plus)

- 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

- 0.03 in. +/- 10% only

Operating environment

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

Agency approvals and clarifications

- UL
- CE
- CCC
- FCC
- RoHS Compliant

Supplies

Datacard® Certified Supplies featuring Intelligent Supplies Technology™

- Automatic ribbon identification and validation
- Automatic printer settings and offsets
- Low ribbon warning

Ribbons

- YMCK ribbon (1,000 images)
- YMCK-K ribbon (750 cards)

Retransfer film

- InTM retransfer film (1,000 images)

Topcoats and laminates

- DuraGard® 1.0 mil Clear Laminate (600 images)
- DuraGard® 1.0 mil Secure Laminate (600 images)
- DuraGard® 0.6 mil Clear Laminate (600 images)
- Clear topcoat (1,000 images)
- Secure topcoat (1,000 images)
- DuraGard® 0.6 mil Secure Laminate (600 images)

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