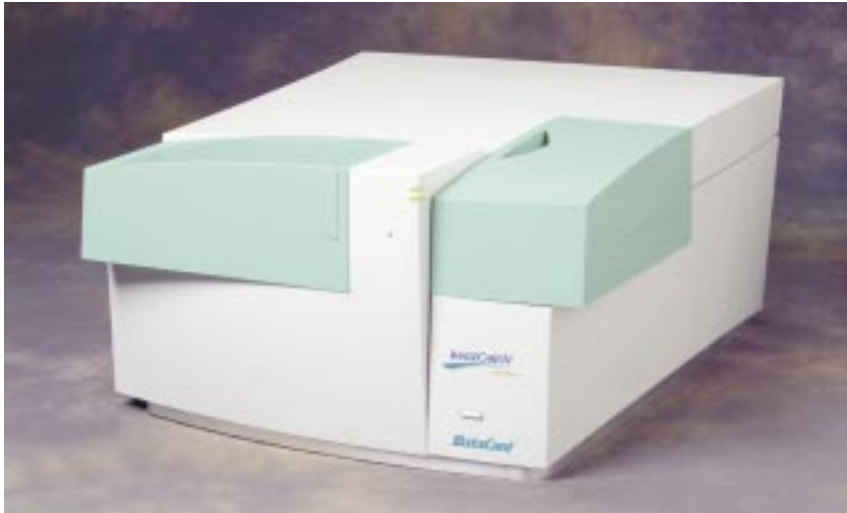


# Photo ID Solutions



*ImageCard IV sets new standards for speed, image quality, card durability and card security.*

## A high-speed solution for demanding applications

The DataCard® ImageCard® IV photo ID printer is the first desktop printer designed specifically for high-volume applications that require superior image quality, enhanced card life, advanced card security and unsurpassed reliability. Its up to 175 card-per-hour speed and reliable design make it an ideal solution for issuing driver's licenses, college and university IDs, benefit program cards, national IDs, employee badges and more.

## Superior image quality, plus standard duplex printing

An advanced, high-speed print engine delivers true-to-life photos and crisp, clean graphics. In addition to superior image quality, ImageCard IV offers a standard duplex printing feature that allows you to print full-color images on both sides of your cards.

## Durable, long-life cards

ImageCard IV can apply a DataCard™ DuraGard™ protective overlay to your cards. This resilient polyester overlay extends card life by creating a barrier against scratches, abrasions, dye migration and chemical agents.

## A better approach to card security

Some printers apply a holographic image and a polyester overlay as a single supply item. Unfortunately, if a forger successfully removes the polyester layer, the holographic image comes off at the same time—which makes cards easier to alter. ImageCard IV uses two heated rollers to apply the holographic topcoat and the polyester overlay separately. Even if the polyester overlay is removed, the tamper-evident holographic topcoat remains affixed to the card.

## Protection for your printer, cards and supplies

Lockable and detachable card hopppers help prevent card stock from falling into the wrong hands. Simply remove the card hopppers when you're done printing and store them in a safe place. You can also lock the cabinet during operation to protect supply items. Plus, you can use a password-protection feature to restrict printer operation.

## DataCard ImageCard IV Photo ID Printer

### Low cost of ownership

Our long-life, operator-replaceable printhead minimizes downtime and can significantly reduce service costs over the life of the printer. Automatic card cleaning helps prevent potentially damaging particles from reaching the printhead. And a unique particle detection system senses embedded particles in plastic cards, then sends those cards to a reject hopper before they cause damage. No other printer offers this exclusive feature.

### Easy to operate

On-screen operator messages, quick-change ribbon supplies, the operator-replaceable printhead and automatic card cleaning make ImageCard IV extremely easy to use.

### Magnetic stripe and smart card options

ImageCard IV lets you encode magnetic stripes and personalize smart card chips as part of the inline personalization process. The printer can be configured with one or both of these optional modules.



**DataCard®**

## Standard features

- Full-color duplex printing
- Operator-replaceable printhead
- One-step ribbon cartridge replacement
- On-screen operator prompts
- Automatic card cleaning
- Particle detection system
- Detachable card hoppers
- Reject card hopper
- Automatic card feed
- Audio and visual error prompts
- Automatic card remake
- Windows™ NT driver

## Options

- One or two heated rollers
  - Clear or holographic topcoats
  - Protective polyester overlays
- Magnetic stripe encoding
- Smart card personalization
- Magnetic stripe and smart card personalization
- Lockable card hoppers and cabinet
- Additional card hoppers
- Additional ribbon cartridges
- Variety of service plans

## Specifications

- Physical dimensions: 21.75 in. x 25.9 in. x 11 in. (55.2cm x 49.8cm x 25.3cm)
- Weight:
  - 55 lbs (25.02kg) to 70 lbs (31.9kg)
  - weight depends on options selected
- Print capabilities:
  - Full-color duplex
  - Alphanumeric text, logos, digitized signatures
  - Variety of bar codes
  - Background patterns
  - Up to 256 shades
- Print resolution: 300 dots per in.
- Topcoat capabilities:
  - Inline application of one or two topcoats
  - Clear or holographic topcoats
- Protective overlay capabilities:
  - Inline application of 0.50 or 1.0 mil polyester overlay
  - Overlay area:  
3.24 in. x 2.0 in. (82.6mm x 50.8mm)

- Throughput:
  - Up to 175 cards per hour with a three-panel ribbon and one overlay or topcoat application
  - Up to 125 cards per hour with a four-panel ribbon and one overlay or topcoat application
- Magnetic stripe encoding:
  - Tracks 1, 2, 3
  - High- or low-coercivity
  - IAT, AAMVA and NTT (J-stripe)
- Smart card personalization:
  - Supports ISO standards
  - Contact or contactless cards
  - Front or back chip placement
- Resident memory: 16 MB
- Electrical requirements:
  - 100/120V, 50/60 Hz
  - 220/240V, 50/60 Hz
- Communications: ECP parallel port
- Plastic cards accepted:
  - Size: 3.375 in. (85.7mm) x 2.125 in. (54.0mm)
  - Thickness: 0.20 in. (.51mm) to 0.50 in. (1.27mm)
  - Type: PVC with glossy overlamine surface
  - Automatically adjusts for random card thicknesses
- Supplies:
  - Color photo print ribbon
    - YMCKT (Three colors, true black and topcoat. Yields 500 cards.)
    - YMCT (Three colors and topcoat. Yields 165 cards.)
    - YMCKK (Three colors and two true blacks. Yields 500 cards.)
    - YMCK (Three colors and true black. Yields 500 cards.)
    - YMC (Three colors. Yields 200 cards.)
    - KT (True black and topcoat. Yields 300 cards.)
    - K (True black. Yields 800 cards.)
  - Topcoat and overlay supplies
    - Clear or holographic topcoats (custom holographic topcoats available)
    - DataCard™ DuraGard™ protective overlay



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