



**Card  
Printer  
Solutions**

# P640i Card Printer



## The Ultimate in High Security Card Printing

When secure IDs are a priority, choose Zebra's rugged P640i dual-sided laminating printer. This industry-leading security printer has high output speed and one of the lowest consumables cost per card in its class. Designed for reliable, continuous operation in demanding production environments, the Zebra P640i delivers dual sided-printing and dual-sided lamination with high throughput and great print quality, making it the right choice for printing more secure, more durable ID cards.



### Ideal for:

- » Drivers Licenses
- » Government & Military ID Cards
- » High Security Access Control ID Cards
- » Law Enforcement and Correctional Facility ID Cards
- » Airport ID Cards
- » Applications requiring long lasting, secure issuance of tamper-evident ID's

### High Productivity with Unique Cost Saving Features

- » Consistent, reliable operation with high print speed and continuous card loading for maximum throughput
- » Among the lowest consumables cost per card of any printer in its class.
- » Wasteless lamination reduces impact on the environment

### Easy-to-Use

- » Plug and play USB or Ethernet interface simplifies set-up
- » Automatic color optimization and driver configuration
- » Weight saving design makes the P640i easier to transport
- » Translucent covers allow you to see when supplies are running low. Blank cards can be added while printing for convenience and time savings

### Encoding and Network Expansion Options

- » 3 track magnetic stripe encoding
- » Contact and contactless smart card encoding capabilities
- » Optional built-in 10/100 Ethernet for printer networking simplifies device management and enables distributed printing across sites

### Industry Leading Security & Performance Features

- » Complete system security features & options for printer, ribbons, laminate, cards, and card issuance process
- » Unique card transport with stable card movement across printhead for superior print quality
- » Enhanced ribbon formulation for optimal color output
- » Ribbon image counter and ribbon low notification

# P640i



## Card Printer Product Specifications

### General Specifications

- » Dual-sided color printing
- » One-pass waste-free dual-sided lamination
- » Micro-positioning card transport system for enhanced color photos
- » Covert printing capability text approx 17 mil high
- » Automated card cleaning before printing
- » Windows® drivers for 2000 and XP with advanced security features (ID/Log & password protection)
- » One year printer warranty
- » One year (unlimited passes) printhead warranty

### Printing

- » Color dye sublimation and resin K
- » 120 cards per hour dual-sided printing and laminating (YMCK ribbon & 1.0 mil laminate both sides)
- » 300 dpi (11.8 dots/mm) print resolution

### Bar Codes

- » Bar codes and other symbologies available via Windows driver

### Fonts

- » True Type or other type fonts via Windows driver

### Card Specifications\*

- » Types: PVC Composite
- » Card width/length: ISO CR-80 - ISO 7810 2.12" (54mm) x 3.38" (86mm)
- » HiCo Magnetic Stripe - ISO 7811
- » Smart Card contact and contactless
- » Card thickness: 27 mil - 33 mil
- » Card input hopper capacity: 150 cards

### Ribbon Specifications\*

- » YMCK: 600 cards/roll
- » YMCKK: 500 cards/roll
- » YMCUVK: 500 cards/roll
- » Cleaning cartridge: cleans 3,000+ cards



*\*for optimum printer performance use Genuine Zebra Supplies*

### Laminate Specifications\*\*

- » Linerless & wastefree 1.0 mil laminate, 600 cards/roll
- » 2 Laminate cassettes (upper & lower)
- » Laminates available:
  - Clear full size, clear for magnetic stripe cards and clear for smart cards.
  - Custom laminates available upon request:
    - Holographic images
    - Special OVD images
    - UV images

*\*\*for optimum laminator performance use Genuine Zebra Supplies.*

### Communications Interface

- » USB 1.1 (Standard, USB 2.0 compatible)
- » Factory Installed Options
  - Built-In 10/100 Ethernet
  - Bi-directional Parallel with ECP support

### Mechanical

- » Width: 27.5 in (699 mm) not including exit hopper
- » Depth: 9.7 in (246 mm)
- » Height: 11.5 in (292 mm)
- » Weight: 35 lbs (15.9 kg)

### Electrical

- » 110 - 220 Volts AC, 50/60 Hz
- » 8MB image memory standard
- » FCC Class A, UL, CUL, & CE approved

### Environmental

- » Operating temperature: 50°F to 95°F (10°C to 35°C)
- » Operation humidity: 20% to 80% non-condensing
- » Storage temperature: -4°F to 158°F (-20°C to 70°C)
- » Storage humidity: 5% to 90% non-condensing
- » Ventilation: Free air

### Options

- » ID/Key security printing feature
- » Magnetic Encoder, 3 track (30 mil cards only, HiCo only)
- » Smart Card Contact Station
- » Smart card MIFARE®/DESFire and HID iClass® encoder/reader
- » Smart Card Contact-ISO 7816 encoder/reader
- » Built-in Ethernet for networking capability
- » Warranty programs

[www.zebracard.com](http://www.zebracard.com)



Zebra Technologies Corporation



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