



**Card  
Printer  
Solutions**

# P640i Card Printer



## The Ultimate in Secure ID Card Printing

For high volume, high security applications, choose the Zebra P640i dual-sided laminating printer. Zebra's industry-leading security printers are used in over 50 countries to print tens of millions of ID cards annually. The P640i's dual-sided printing and "one pass" dual-sided lamination provide the maximum amount of flexibility in protecting driver's licences, national voter registration cards, and other types of secure IDs. With its high throughput, superior print quality and best total cost of ownership in its class, the P640i is the right choice for issuing durable and highly secure ID cards.



### Ideal for:

- » Drivers Licences
- » Government & National ID
- » 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 Card Issuance Security

- » Flexible features & options to secure your entire card issuance process
- » Optional ID/Key prevents unauthorised printer use
- » ID/Log driver utility builds a customisable card transactions record in the printer's host computer for added security

### High Performance

- » Unique card transport with stable card movement across printhead for superior image quality
- » Fast laminating and printing speed combine to deliver maximum card throughput per hour

### Industry Leading Cost Savings

- » Best total cost of ownership in its class
- » Patented linerless lamination dramatically reduces the cost of laminate material and is waste free
- » High capacity supplies save operator time reloading media

### Built for Maximum Productivity

- » Consistent, reliable operation, high print speed and minimal operator attention provide maximum card output over years of intense use
- » Weight saving design makes the P640i easier to transport
- » Translucent covers allow you to see when supplies are running low

### Flexible Options to Increase Card Security

- » Optional built-in 10/100 Ethernet connectivity simplifies printer networking and enables distributed printing across sites
- » Magnetic stripe encoding
- » Smart card encoding capabilities
- » Linear barcode scanner

# P640i



## Card Printer Product Specifications

### General Specifications

- » Dual-sided colour printing
- » One-pass dual-sided lamination (waste-free)
- » Micro-positioning card transport system for enhanced colour photos
- » Covert text printing capability (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

- » Colour 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
- » Contact Smart Card - ISO 7816 Compliant
- » Contactless Smart Card - MIFARE®/DESFire
- » 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
- » Monochrome Black: 3000 images/roll
- » Cleaning cartridge: cleans 3,000+ cards



\*for optimum printer performance use Genuine Zebra Supplies

### Laminate Specifications\*\*

- » Linerless & waste-free 1.0 mil laminate, 600 cards/roll
- » 2 Laminate cassettes (upper and lower)
- » Laminates available:
  - Clear full size, clear for magnetic stripe cards and clear for smart cards.
  - Custom laminates available upon request:
    - Holographic 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 (minimum order required)

### 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
- » 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 MIFARE®/DESFire encoder/reader
- » Smart Card Contact station
- » Smart Card Contact-ISO 7816 encoder/reader
- » Built-in Ethernet for networking capability
- » Linear barcode scanner

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



Zebra Technologies Corporation



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#### North America

Zebra Technologies Corporation  
Card Printer Solutions  
1001 Flynn Road  
Camarillo, CA 93012-8706  
USA  
Telephone: +1 805 579 1800  
Fax: +1 805 579 1808  
Toll free in US: 800 452 4056  
e-mail: [cards@zebra.com](mailto:cards@zebra.com)

#### Europe, Middle East, Africa

Zebra Technologies Corporation  
Card Printer Solutions  
The Valley Centre, Gordon Road  
High Wycombe  
Buckinghamshire HP13 6EQ, UK  
Telephone: +44 870 241 1527  
Fax: +44 870 241 0765  
e-mail: [eurosales@zebra.com](mailto:eurosales@zebra.com)

#### Asia Pacific

Zebra Technologies Corporation  
Card Printer Solutions  
120 Robinson Road  
#06-01 Parakou Building  
Singapore 068913  
Telephone: +65 6858 0722  
Fax: +65 6885 0836  
e-mail: [asiasales@zebra.com](mailto:asiasales@zebra.com)

#### Latin America

Zebra Technologies Corporation  
Card Printer Solutions  
9800 NW 41st Street, Suite 220  
Doral, FL 33178  
USA  
Telephone: +1 305 558 3100  
Fax: +1 305 558 8485  
e-mail: [latinsales@zebra.com](mailto:latinsales@zebra.com)