

P640i™ Card Printers



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 printer’s dual-sided printing and “one pass” dual-sided lamination provide the maximum amount of flexibility in protecting driver’s licenses, 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

- Driver’s 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 IDs

Genuine Zebra™ Supplies

Genuine Zebra supplies meet stringent quality standards and are recommended for optimal print quality and proper printer performance. The P640i printer is designed to work only with Zebra True Colours® i Series™ ribbon and Zebra True Secure™ i Series laminate.



▶ For more information, visit www.zebracard.com



Specifications at a Glance*

General Specifications

- FIPS 201 compliant
- Dual-sided color printing
- One-pass single-sided lamination (waste-free)
- Micro-positioning card transport system for enhanced color photos
- Covert text printing capability (approx. 17 mil high)
- Automated card cleaning before printing
- Windows® drivers: 2000, XP, Server 2003, works with Windows Vista
- 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 both sides, 1.0 mil laminate both sides)**
- 300 dpi (11.8 dots/mm) print resolution

** Based on average print coverage per card, under certain conditions.

Bar Codes

- Bar codes and other symbologies available via Windows driver

Fonts

- TrueType™ and other symbologies available via Windows driver

Card Specifications

- Types: PVC Composite
- Card width/length: ISO CR-80 - ISO 7810, 2.12"/54 mm x 3.38"/86 mm
- 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 & 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 (USB 2.0 compatible)
- Built-in 10/100 Ethernet (factory installed option)

Mechanical

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

Electrical

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

Environmental



- Operating temperature: 50° F/10° C to 95° F/35° C
- Operation humidity: 20% to 80% non-condensing
- Storage temperature: -4° F/-20° C to 158° F/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 for third party external contact encoders
- Smart Card Contact—ISO 7816 encoder/reader
- Built-in Ethernet for networking capability
- Linear bar code scanner (635 nm, 1 mW maximum, class 2 laser product, IEC-60825.1-2001-08)
- Warranty programs

High Card Issuance Security

- Flexible features & options to secure your entire card issuance process
- Optional ID/Key prevents unauthorized printer use
- ID/Log driver utility builds a customizable 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 combined 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 bar code scanner

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