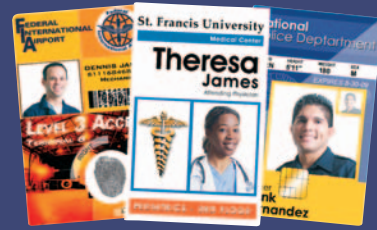




# P520i

## SECURITY



### Rugged, Reliable Card Printing for High Security Applications

For highly secure, laminated photo ID cards, Zebra's P520i is ideal. This robust, dual-sided card printer quickly and easily produces high quality laminated photo ID cards for large volume applications. Its laminating feature adds security, while considerably extending card life and durability.

Use the P520i card printer for:

- » Military ID Cards
- » Secure Facility Access Control
- » Correctional Facility ID Cards
- » Transit Passes

#### Zebra P520i Advantages

**Security:** Single or dual-sided hologram lamination, password protection capability

**Advanced Color Printing:** Enhanced color-processing firmware and new richer color formulation

**i Series Intelligent Printing System:** Enhanced i Series functionality makes high image quality card printing a simple function for all users. The system features:

- » Advanced RFID Technology
- » Automatic Driver Configuration
- » Intelligent Color Optimization
- » Ribbon Image Counter & Ribbon Low Notification
- » Enhanced Ribbon Formulation

#### Basic Specifications:

- » Under 36 Seconds/Card Print & Laminate Speed
- » Full Color Dual-Sided Card Printing with Lamination
- » USB with Parallel or USB with Built-in Ethernet
- » 100 Card Capacity Feeder
- » i Series Printers require the use of TrueColours™ i Series ribbons for full color printing

# P520i Card Printer

*i*series



**Card  
Printer  
Solutions**

# P520i

## Card Printer Product Specifications



### General Specifications

- » High speed printing with built in laminator
- » 100 cards/hour, color front, black back 1.0 mil laminate
- » 4MB image memory standard
- » Windows drivers for 98, NT, 2000, ME, XP
- » One year printer warranty
- » One year (unlimited passes) printhead warranty\*

### Color Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » Under 36 seconds/card, color front, black back 1.0 mil laminate
- » 300 dpi (12 dots/mm) print resolution
- » Enhanced fourth generation laminator with auto laminate synchronization

### Bar Codes

- » Code 39, Code 128 B & C with & without check digit
- » 2 of 5 & 2 of 5 Interleaved
- » UPC-A, EAN 8 & EAN 13
- » PDF-417 2D bar code and other symbologies available via Windows drivers

### Fonts

- » True Type fonts via Windows driver

### Card Specifications

- » Types: PVC, composite PVC (use composite cards when laminating)
- » Card width/length: ISO CR-80-ISO 7810, 2.12" (54mm) x 3.38" (86mm)
- » Magnetic Stripe-ISO 7811
- » Smart Card-ISO 7816-2
- » Card thickness: 30 mil (.76mm) to 50 mil (1.27mm)
- » Card feeder capacity: 100 cards (30 mil)
- » Card output hopper capacity: 100 cards (30 mil)

### Electrical

- » 110 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- » FCC Class A, CE, UL and CUL approved

### Communications Interface

- » USB with Centronics Parallel
- » Built-in Ethernet Option

### Ribbon Specifications <sup>1</sup>

- » *i* Series Printers require the use of *i* Series ribbons for full color printing
- » Monochrome: 1000 & 1500 cards/roll (black, red, blue, green, yellow, silver, gold, scratch off gray and white)
- » YMCK/K: 200 cards/roll
- » YMCK: 250 & 400 cards/roll
- » YMC: 500 cards/roll
- » K DyeSub + O: 500 cards/roll
- » K Resin + O: 500 cards/roll



Note 1: For optimum printer performance use Genuine Zebra Supplies.

### Lamination Specifications <sup>2</sup>

- » Laminate for full coverage, magnetic stripe cards, and smart cards
- » Clear and holographic options available
  - » **1.0 mil** laminate capacity: 100 cards per roll
  - » **0.6 mil** laminate capacity: 170 cards per roll
- » Clear laminate for dual-sided cards (front full coverage and back 1/2 patch for magnetic stripe cards-50 cards)
- » Optional Custom Security Features

Note 2: For optimum laminator performance use Genuine Zebra Supplies.

### Mechanical

- » Full metal enclosure with viewing window
- » Width: 32.75in (832mm)
- » Depth: 9.25in (235mm)
- » Height: 10.43in (265mm)
- » Weight: 47lbs (21.45kg)

### Environmental

- » Operating Temperature: 60°F to 86°F (15°C to 30°C)
- » Operating Humidity: 20% to 65% non-condensing
- » Storage Temperature: -23°F to 158°F (-5°C to 70°C)
- » Storage Humidity: 20% to 70% non-condensing
- » Ventilation: Free air

### Options

- » Built-in Ethernet
- » Smart card contact station (30 mil cards only)
- » Magnetic encoder
- » Cleaning supplies
- » Warranty programs
- » Service manual

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

\* Optimized for use with Zebra media



**Zebra Technologies Corporation**



An ISO 9001 registered company ©2004 ZIH Corp. Specifications listed are for base model printers with standard features only unless otherwise notes. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved. All Copyrights, Trade and Service Marks shown or depicted herein are registered by their owners. No infringement is made for or implied by the use thereof.

Part No. P520i-05/04

#### North America

**Zebra Technologies Corporation**  
Card Imaging Division  
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 Imaging Division  
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 Imaging Division  
16 New Industrial Road  
#05-03 Hudson TechnoCentre  
Singapore 536204  
Telephone: +65 6858 0722  
Fax: +65 6885 0836  
e-mail: [asiasales@zebra.com](mailto:asiasales@zebra.com)

#### Latin America

**Zebra Technologies Corporation**  
Card Imaging Division  
6175 NW 153rd St. #121  
Miami Lakes, FL 33014  
USA  
Telephone: +1 305 558 3100  
Fax: +1 305 558 8485  
e-mail: [latinsales@zebra.com](mailto:latinsales@zebra.com)