



P520i Card Printer



Reliability, Security and High Performance in a Single Package

Zebra's rugged P520i is the industry leading single-sided laminating printer that is used in demanding environments by thousands of customers worldwide. With dual-sided printing and single-sided lamination, the P520i delivers the right combination of reliability, performance and affordability for printing more secure, more durable ID cards.

High Performance, Rugged

- » Full color dual-sided printing with single-sided lamination in under 36 seconds
- » Enhanced color processing firmware and new, richer color formulation
- » Full metal enclosure makes it virtually indestructible
- » Password protected to ensure only authorized printer access

Encoding and Network Expansion Options

- » Magnetic stripe encoding smart card encoding capabilities
- » Built-in Ethernet for printer networking eliminates need for third party external device

i Series* Functionality

- » Automatic color optimization and driver configuration
- » Enhanced ribbon formulation for optimal color output
- » Ribbon image counter and ribbon low notification

*Patent pending

Easy-to-Use

- » Plug and play USB interface simplifies set-up
- » 16 character LCD screen for card printer feedback and error messaging
- » Translucent card cover allows you to see when card supply is running low, and blank cards can be added while printing for convenience and time savings



Ideal for:

- » Secure facility access control cards
- » Drivers licenses
- » Government and military ID cards
- » Law enforcement and correctional facility ID cards
- » Transit passes
- » Applications requiring long-lasting, tamper-resistant ID's

P520i



Card Printer Product Specifications

General Specifications

- » High speed printing with built in laminator
- » Windows® drivers for 98, NT, 2000, ME, XP
- » One year printer warranty
- » One year (unlimited passes) printhead warranty

Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » 100 cards per hour, color front, black back, 1.0 mil laminate
- » 300 dpi (11.8 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

- » Arial and Arial Bold
- » 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 contact and contactless
- » 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

- » 100 ~ 230 Volts AC, 50 ~ 60 Hz (auto switching)
- » 4MB image memory standard
- » FCC Class B, CE, UL and CUL approved

Communications Interface

- » USB 1.1 (USB 2.0 compatible) Centronics Parallel (parallel cable included)
- » Built-in Ethernet Option

Ribbon Specifications*

- » i Series Printers require the use of i Series ribbons for full color printing
- » YMCKK: 200 cards/roll
- » YMCK: 250 cards/roll
- » YMCUVK: 330 cards/roll
- » Monochrome: 1500 & 1000 cards/roll



(black, red, blue, green, yellow, silver, gold, scratch-off gray and white)

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

Lamination Specifications**

- » Laminate for full coverage, magnetic stripe cards, and smart cards
- » Clear and holographic options available
- » **0.6 mil** laminate capacity: 170 cards per roll
- » **1.0 mil** laminate capacity: 100 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

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

Mechanical

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

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 (30 mil cards only) 3 track HiCo/LoCo
- » Cleaning supplies
- » Warranty programs (on-site and depot)

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Zebra Technologies Corporation



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