



# P420i Card Printer



## Rugged and Reliable Dual-Sided Printing

For your heavy duty printing demands, look no further than the rugged P420i. Zebra's P420i is the printer of choice for high volume dual-sided printing with magnetic or contact smart card encoding capabilities.



### Ideal for:

- » Employee ID cards
- » Student and faculty ID cards
- » Access control cards
- » Personalized membership and loyalty cards
- » Gift cards
- » Visitor ID cards
- » Government Licenses

### Flexible, Rugged

- » Full color dual-sided printing at 35 seconds per card
- » Enhanced color processing firmware
- » Reject hopper separates cards that fail encoding prior to printing, saving employees time and trouble
- » Full metal enclosure makes it virtually indestructible

### Easy-to-Use

- » Plug and play USB with parallel and USB with Ethernet interface options simplify set-up
- » LCD screen provides printer status and messaging
- » Translucent card cover allows you to see when card supply is running low

### Encoding and Network Expansion Options

- » Magnetic stripe encoding and contact smart card encoding capabilities
- » Built-in Ethernet simplifies device management and eliminates the need for third party external devices

### 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

# P420i



## Card Printer Product Specifications

### General Specifications

- » Standard card flip over feature for dual-sided printing
- » Windows® drivers for 98, NT, 2000, ME, XP
- » Bi-directional driver communication
- » One year printer warranty
- » One year (unlimited passes) printhead warranty
- » Pass-code electronic lock

### Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » 102 card per hour full color dual-sided (YMCKOK)
- » 300 dpi (11.8 dots/mm) print resolution

### 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 can be printed via Windows drivers

### Fonts

- » Arial and Arial Bold
- » True Type fonts via Windows driver

### Card Specifications

- » Types: PVC, PVC Composite
- » 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 60 mil (1.524mm)
- » Card feeder capacity: 100 cards (30 mil)
- » Card output hopper capacity: 100 cards (30 mil)

### Ribbon Specifications\*

- » i Series Printers require the use of i Series ribbons for full color printing
- » YMCKOK: 170 cards/roll
- » YMCKO: 200 & 330 cards/roll
- » KdO: 500 cards/roll
- » KrO: 500 cards/roll
- » Overlay varnishes: thermal transfer, clear and holographic overlays available
- » Monochrome: 1500 & 1000 cards/roll
- » Monochrome colors: black, red, blue, green, silver, gold, white & scratch-off grey



\*for optimum printer performance use Genuine Zebra Supplies

### Communications Interface

- » USB 1.1 (USB 2.0 compatible) Centronics Parallel (parallel cable included)
- » Built-in 10/100 Mbps Ethernet Option

### Mechanical

- » Width: 20.90 in (523 mm)
- » Depth: 10.17 in (253 mm)
- » Height: 10.76 in (269 mm)
- » Weight: 27.5 lbs (12.5 kg)

### Electrical

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

### 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

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



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**Part No. P420i-05/06**

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