



# P320i

## PERFORMANCE



### A Single-Sided Colour Card Printer Ideally Suited for Printing Proximity Cards

The Zebra P320i is a robust, single-sided card printer with an LCD display and printer security features designed for environments where user convenience and reliable operation are a must.

Use the P320i card printer to print:

- » Employee/Student ID cards
- » Time and Attendance cards
- » Access Control cards

#### Zebra P320i Advantages

**Security:** Programmable pass-code, hardware key lock, TrueSecure varnish image printing

**Advanced Colour Printing:** Enhanced colour-processing firmware, new richer colour formulation, optimised for printing proximity cards for access control applications

**Reliable Operation:** Full metal enclosure and field-proven reliable P310 engine

**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 Colour Optimisation
- » Ribbon Image Counter & Ribbon Low Notification
- » Enhanced Ribbon Formulation

#### Basic Specifications:

- » 25 Seconds/Card Print Speed
- » Full Colour Single-Sided Card Printing
- » Parallel or USB Interface
- » 100 Card Capacity Feeder
- » i Series Printers require the use of TrueColours™ i Series ribbons for full colour printing

# P320i Card Printer

## i series



**Card  
Printer  
Solutions**

# P320i

## Card Printer Product Specifications



### General Specifications

- » High speed printing
- » 144 cards/hour for colour, single-sided (YMCKO)
- » 900 cards/hour for resin black (K)
- » 2MB image memory standard
- » Windows drivers for 98, NT, 2000, ME, XP
- » Bi-directional driver communication
- » Two year printer warranty (varies by region)
- » Two year (unlimited passes) printhead warranty (varies by region)
- » Pass-code electronic lock

### Colour Printing

- » Colour dye sublimation or monochrome thermal transfer printing
- » 25 seconds per card full colour single-sided (YMCKO)
- » 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

- » 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-ISO 7816-2
- » 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)
- » Optimized for proximity card printing

### Ribbon Specifications

- » i Series Printers require the use of i Series ribbons for full colour printing
- » Monochrome: 1500 & 1000 cards/roll » Monochrome colours: black, red, blue, green, silver, gold, white & scratch-off grey.
- » YMCKO: 200 & 330 cards/roll
- » KdO: 500 cards/roll » KrO: 500 cards/roll
- » Overlay varnishes: clear & hologram: 350 cards/roll



### Communications Interface

- » Centronics Parallel (parallel cable included)
- » USB Option
- » Ethernet Option

### Mechanical

- » Width: 16.68in (426.35mm)
- » Depth: 10.01in (254.31mm)
- » Height: 10.47in (265.9mm)
- » Weight: 23lbs (10.6kg)

### Electrical

- » 110 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- » 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

- » USB Interface
- » Ethernet
- » Smart card contact station (30 mil cards only)
- » Magnetic encoder (30 mil cards only)
- » Cleaning supplies
- » Service manual

\*Optimized for use with Zebra media



**ISO 9001**  
REGISTERED

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