



P420

PERFORMANCE



Dual-Sided Color Card Printing is Easier and Faster Than Ever

The Zebra P420 card printer is a robust, dual-sided card printer with an LCD display and convenient easy-to-use features for producing high quality, personalized photo ID cards on-demand for high volume applications.

Use the P420 to print:

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

Zebra P420 Advantages

Reliable Operation: Full metal enclosure and field-proven reliable P310 print engine. Reject hopper separates cards that fail encoding prior to printing. The P420's rugged, all metal enclosure houses a low-maintenance print mechanism that includes self-cleaning card handling, high capacity ribbon system, and two-line LCD control panel.

Ease of Use: The P420 is easy to load and use; the operator control panel displays printer status and functions that guides the operator, using easy to understand status and simple instructions. Printer ribbon synchronization is automatic, eliminating the need for operator intervention. A self-cleaning cartridge thoroughly removes dust before printing to help eliminate card rejects due to dust contamination.

Basic Specifications:

- » 35 Seconds/Card Print Speed (YMCKOK)
- » Two-line LCD display with printer status and user commands
- » Full metal enclosure with viewing window
- » Full Color or Monochrome Dual-Sided Card Printing
- » Parallel or USB Interface
- » 100 Card Capacity Feeder

P420 Card Printer



**Card
Printer
Solutions**

P420

Card Printer Product Specifications



General Specifications

- » High speed printing
- » 102 cards/hour full color, single-sided (YMCKOK)
- » 4MB image memory standard
- » 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
- » Reject card box feature

Color Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » 35 seconds per card full color single-sided (YMCKO/K), 102 cards/hour
- » 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)

Electrical

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

Ribbon Specifications

- » Monochrome: 1500 & 1000 cards/roll
- » Monochrome colors: black, red, blue, green, silver, gold white & scratch-off grey.
- » KdO: 500 cards/roll
- » KrO: 500 cards/roll
- » YMCKOK: 170 cards/roll
- » YMCKO: 200 & 330 cards/roll
- » Overlay varnishes: clear & hologram: 350 cards/roll



Communications Interface

- » Centronics Parallel (cable included)
- » RS232C Serial port (Optional)
- » USB Interface (Optional)

Mechanical

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

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

- » RS232C Serial port (EPCL recommended for fast throughput)
- » USB Interface
- » Smart card contact station (30 mil cards only)
- » Magnetic encoder (30 mil cards only)
- » Extended warranty program
- » Hot Swap warranty program
- » Cleaning supplies
- » Service manual

<http://cards.zebra.com>

* Optimised for use with Zebra Media



Zebra Technologies Corporation



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