

P420



P SERIES CARD PRINTERS



Dual-Sided, Edge-to-Edge Color Card Printing Is Easier and Faster Than Ever

The Eltron P420 plastic card printer is highly versatile, and designed for high volume printing of dual-sided plastic cards in color or monochrome. Use the P420 card printer to print:

- Employee ID, Time and Attendance cards
- Student ID and Facilities Access Control cards
- Club Membership and Loyalty cards

The P420's rugged, all metal enclosure houses a low-maintenance print mechanism that includes self-cleaning card handling, high capacity ribbon system, two-line LCD control panel, and convenient card reject hopper. The reject hopper separates cards that fail encoding prior to printing, saving valuable printer ribbon. The enclosure includes a viewing window to monitor the printing process without opening the unit. Transparent input and output hoppers provide visual card capacity status.

The P420 is easy to load and use; the operator control panel displays printer status and functions that guide 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.

Eltron card printers provide precise card printing, economical, reliable, easy-to-use operation, plus the broadest line of options, accessories and supplies in the industry.

Eltron card printer products are available from authorized distributors and a network of authorized resellers in over 90 countries worldwide.

Dual-sided color or monochrome printing

Print speed: 102 dual-sided color cards/hour throughput (YMCKO/K)

Resolution: 300 dpi (12 dots/mm)

Print method: Dye sublimation
Thermal transfer

P420 Specifications

General Specifications

- High speed printing, over 102 cards/hour edge to edge in full color (YMCKO/K) throughput
- 4MB image memory standard
- Standard card flip over feature for dual sided printing
- Reject card box feature
- Small footprint
- Windows® Drivers for 95, 98, NT 4.0, 2000, ME
- One year printer warranty with Hot Swap
- One year printhead warranty (unlimited passes)
- Powerful EPCL (Eltron Printer Command Language)

Color Printing

- Color dye sublimation or monochrome thermal transfer printing
- 102 cards/hour throughput, 35 seconds per card, 2 sides (YMCKO/K)
- 300 dpi (11.8 dots/mm) print resolution
- Edge to edge printing standard

Bar Codes

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

Fonts

- Resident: Arial Normal 22, Arial Bold 28
- True Type fonts available via Windows drivers

Card Specifications¹

- Types: PVC, Composite PVC
- Card width/length: ISO CR-80 - ISO 7810, 2.125" (54mm) X 3.385" (86mm)
- Magnetic Stripe - ISO 7811
- Smart Card - ISO 7816-2
- Card thickness: 10 mil (.25mm) to 60 mil (1.524mm)
- Card Feeder capacity: up to 300 cards (10 mil), up to 100 cards (30 mil)
- Card Output Hopper capacity: up to 300 cards (10 mil), up to 100 cards (30 mil)

Note 1: For optimum performance, use Zebra/Eltron approved media.

Note 2: Without card feeder and card hopper.

Ribbon Specifications¹

- Monochrome: 1500 and 1000 cards/roll
- Monochrome colors: black, red, blue, green, silver, gold, white, scratch-off grey
- K Resin + O: 500 cards/roll
- K Dye + O: 500 cards/roll
- YMCKO: 200 and 350 cards/roll
- YMCKOK: 170 cards/roll



Overlay Varnish Specifications

- Thermal transfer
- Clear and holographic options available:
 - Clear
 - Genuine/Secure hologram
 - Pcard hologram
 - Custom holograms (various types available)

Communications Interface

- Centronics Parallel standard (cable included)
- RS232C Serial port
- USB port (optional)



Mechanical

- Width: 20.90" (523mm)²
- Depth: 10.17" (254mm)
- Height: 10.76" (269mm)
- Weight: 27.5 lbs (12.5 kg)

Electrical

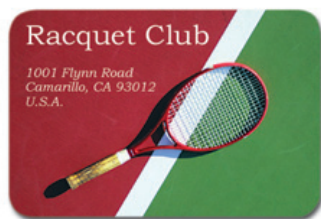
- 110-230V, 50/60Hz
- FCC Class A, CE, UL and CUL approved

Environmental

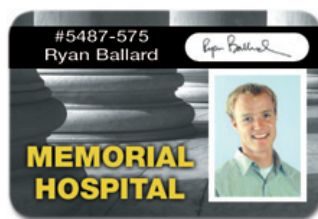
- Operating temperature: 60°F to 86°F (15°C to 30°C)
- Operating humidity: 20% to 65% non-condensing
- Storage temperature: -23°F to 158°F (-5°C to 70°C)
- Humidity: 10% to 90% non-condensing
- Ventilation: Free air

Options

- RS232C Serial port (EPCL recommended for fast throughput)
- USB port
- 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



Club Membership



Employee Badge



Event Pass



Student ID



Zebra Technologies Corporation



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