

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. 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 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
- Easy to use WindCard™ Classic utility tool standard
- Windows® Drivers for 95 and NT 4.0
- One year printer warranty
- One year printhead warranty (unlimited passes)
- Powerful CPPL (Card Printer Program 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 driver and WindCard Classic utility tool

Fonts

- Resident: Arial Normal 22, Arial Bold 28
- True Type fonts available via Windows driver and WindCard Classic utility tool

Card Specifications¹

- Types: PVC, Composite
- 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 media.

Note 2: Without card feeder and card hopper.

Ribbon Specifications

- Monochrome: 1500 cards/roll
- Monochrome colors: black, red, blue, green, yellow, silver, gold, white, Scratch-Off Grey
- K Resin + O: 800 cards/roll
- K Dye + O: 800 cards/roll
- YMCKO: 350 cards/roll
- YMCKOK: 250 cards/roll

Overlay Varnish Specifications

- Thermal transfer
- Clear and holographic options available:
 - Clear
 - Genuine/Secure hologram
 - Pcard hologram
 - Custom hologram

Communications Interface

- Parallel ECP Centronics standard (cable optional)
- RS232C Serial port
- USB port optional (available Q3 2000)

Mechanical

- Width: 20.90" (523mm)²
- Depth: 10.17" (2543mm)
- 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 (available Q3 2000)
- 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



Access Control



Student ID



Zebra Technologies Corporation



©1999 Zebra Technologies Corporation. All Rights Reserved. Specifications subject to change without notice. All Copyrights, Trade and Service Marks shown or depicted herein are registered by their owners. No infringement is made for or implied by the use thereof.

Part No. 820007-045

American Operations

Zebra Technologies Corporation
1001 Flynn Road
Camarillo, CA 93012-8706
United States of America
Telephone: +1 805 579 1800
Fax: +1 805 579 1808
Toll free in US: 800 452 4056
e-mail: cards@eltron.com
Web: www.eltron.com

European Headquarters

Zebra Technologies Corporation
Zebra House
The Valley Centre, Gordon Road
High Wycombe
Buckinghamshire HP13 6EQ, UK
Telephone: +44 (0) 1494 472872
Fax: +44 (0) 1494 450103
e-mail: eurosales@eltron.com

Asia Pacific Headquarters

Zebra Technologies Corporation
1 Sims Lane #06-11
387355 Singapore
Telephone: +65 8420 322
Fax: +65 8420 514
e-mail: asiasales@eltron.com