P310F

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Monochrome printing only

Print speed: 1000 cards/hour throughput

Resolution: 300 dpi (12 dots/mm)

Print method: Thermal transfer

Fast, Monochrome, High-Quality Plastic Card Printing Has Never Been Easier

The Eltron P310F is ideal for printing single-sided monochrome cards, adding hologram overlays, or scratch-off panels to preprinted cards. The P310F is the most affordable card printer in its class.

Use the P310F to add personalization in black, or other monochrome color, on preprinted cards. It can also be used to apply a hologram overlay to preprinted cards to provide additional security. The P310F has the ability to print on any area of a card permitting endless flexibility in card design.

Use the P310F for:
- Printing plastic cards in monochrome
- Adding personalization to preprinted cards
- Creating durable business cards, employee/visitor badges
- Adding a holographic overlay to preprinted cards

The P310F utilizes a proven, reliable print engine for fast accurate printing. It produces sharp, readable bar codes, line art, graphics and text in seconds. Featuring a small footprint, the P310F is perfect for desktop applications.

The P310F is operator-friendly, easy-to-load, and features a low maintenance design making it simple for anyone to use. Green, yellow and red LED indicators provide easy to understand printer status. An easy to change, self-cleaning cartridge thoroughly removes dust on cards before printing, minimizing problems caused by contamination.

You can rely on Eltron Card Printers for high quality and dependability because they are manufactured to exacting standards and are ISO 9001 certified.

Eltron®

C A R D P R I N T E R P R O D U C T S

General Specifications
- High speed printing, 1000 cards/hour, edge to edge, monochrome
- 2 MB image memory standard
- Small footprint
- Easy to use WindCard Classic™ utility tool standard
- Windows® Drivers for 95/98 and NT 4.0
- One year printer warranty
- One year (unlimited passes) printhead warranty[1]
- Powerful EPCL (Eltron Printer Command Language)

Monochrome Printing
- Monochrome thermal transfer printing
- 1000 cards/hour (3.5 seconds per card), edge to edge
- 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 100, Arial Bold 100
- True Type fonts available via Windows driver and WindCard Classic utility tool

Card Specifications[1]
- Types: PVC, Composite PVC
- Card width/length: ISO CR-80 - ISO 7810, 2.125" (54mm) X 3.385" (86mm)
- Option: Magnetic Stripe - ISO 7811
- Option: Smart Card - ISO 7816-2
- Card thickness: 10 mil (.25mm) to 60 mil (1.524mm)
- Card Cartridge capacity: up to 210 cards (10 mil), up to 75 cards (30 mil)
- Card Output Hopper capacity: up to 210 cards (10 mil), up to 75 cards (30mil)

Note 1: For optimum performance use Zebra/Eltron media
Note 2: Dimensions without Card Cartridge and Card Output Hopper

Ribbon Specifications[1]
- Monochrome: 1500 cards/roll
- Monochrome colors: black, red, blue, green, yellow, silver, gold, white, Scratch-Off Gray
- K Resin + O: 800 cards/roll

Overlay Varnish Specifications[1]
- Thermal transfer
- Clear and holographic options available:
  - Clear
  - Genuine/Secure hologram
  - Pcard hologram
  - Custom hologram

Communications Interface
- Parallel standard (parallel cable included)
- RS232C serial optional

Mechanical[2]
- Width: 12.4″ (315mm)
- Depth: 7.75:″(198mm)
- Height: 8.7″ (220mm)
- Weight: 13.4 lbs (6.1kg)

Electrical
- 110 ~ 230 Volts AC, 60 ~ 50 Hz
- 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)
- Storage Humidity: 20% to 70% non-condensing
- Ventilation: Free air

Options
- RS232C serial port (EPCL recommended for fast throughput)
- Smart card contact station (30 mil cards only)
- Magnetic encoder (30 mil card only)
- Extended warranty program
- Hot swap warranty program
- Cleaning supplies

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