i Series

Eltron® P310*i*

Reliability, Convenience, Intelligence.

Single Sided Color Card Printer Optimized for Fast Color Printing with *i* Series Intelligence and Convenience.

The Eltron P310*i* is an intelligent, reliable, single sided color card printer with new convenient features for ease-of-use while producing superior quality printing at an affordable price. Quiet operation and small footprint make it ideal for desktop and reception area printing.
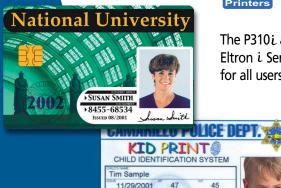
Eltron P310*i* Advantages

Advanced Color Printing: Enhanced color-processing firmware, new richer ribbon color formulation, optimized for printing photo identification badges and membership cards

Operator Convenience: Easy-to-use "load and go" ribbon system, automatic driver configuration, ribbon low notification, quick reference Operator Help Guide, Windows® 98, ME, NT, 2000 and XP printer drivers with install wizard

Reliable Operation: Based on the highly reliable, field-proven P310 print engine

Basic Specifications:

- 25 Seconds/Card Print Speed
- 300 dpi
- Full Color Single Sided Card Printing
- Parallel, Serial or USB Interface
- 75 Card Capacity Feeder
- *i* Series Printers require the use of *i* Series ribbons for full color printing

i Series Printers
Eltron *i* Series: Intelligent Printing System

The P310*i* also features the benefits of enhanced *i* Series functionality. Eltron *i* Series printers are designed to make card printing a simple function for all users. The system features:

- Advanced RFID Technology
- Automatic Driver Configuration
- Intelligent Color Optimization
- Ribbon Image Counter & Ribbon Low Notification
- Enhanced Ribbon Formulation

Eltron®

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General Specifications

• High speed printing

• 144 cards/hour for color, single side (YMCKO)

• 900 cards/hour for resin black (K)

• 2MB image memory standard

• Windows drivers for 98, NT, 2000, ME, XP

• One year printer warranty

• One year (unlimited passes) printhead warranty*

Color Printing

• Color dye sublimation or monochrome thermal transfer printing

• 25 seconds per card full color 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 Interleave

• UPC-A, EAN 8 & EAN 13

• PDF-417 2D bar code and other symbologies can be printed via Windows drivers

Fonts

• Resident: Arial

• True Type fonts via Windows driver

Card Specifications

• Types: 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: 10 mil (.25mm) to 60 mil (1.524mm)

• Card feeder capacity: 75 cards (30 mil)

• Card output hopper capacity 75 cards (30 mil)

Ribbon Specifications

• *i* Series Printers require the use of *i* Series ribbons for full color printing

• Monochrome: 1500 and 1000 cards/roll

• K Resin + O: 500 cards/roll

• YMC: 300 cards/roll

• YMCK: 400 cards/roll

• YMCKO: 330 cards/roll

• Overlay varnishes: clear and hologram

Communications Interface

• Centronics parallel (parallel cable included)

• USB option

• Serial option

Mechanical

• Width: 12.4 in (315mm)	• Depth: 7.75 in (198mm)
• Height: 8.7 in (220mm)	• Weight: 13.4 lbs (6.1kg)

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

• Smart card contact station (30 mil cards only)

• USB interface

• Serial interface

• Magnetic encoder (30 mil cards only)

• Extended warranty program

• Hot Swap warranty program

• Cleaning supplies

• Service manual

Eltron®   **www.eltroncards.com**

* For optimum performance, use Zebra/Eltron approved media.

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