

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

The Eltron P310i 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 P310i 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 P310i 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® P310i

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



Zebra Technologies Corporation

Switzerland • OPAL Associates AG • Motorenstrasse 116 • CH-8620 Wetzikon • Telefon +41 (0)1 931 12 22 • Telefax +41 (0)1 931 12 20 • Email info@opal-holding.com • URL <http://www.opal.ch/> • OPAL Associates SA • Avenue des Boveresses 54 • Case postale 29 • CH 1000 Lausanne 21 • Telefon +41 (0)21 653 95 00 • Telefax +41 (0)21 653 95 02 • Email info@opal-holding.com • URL <http://www.opalsa.ch/> • Germany • OPAL Associates GmbH • Lohnerhofstrasse 2 • D-78467 Konstanz Telefon +49 (0)7531 813 000 • Telefax +49 (0)7531 813 00 99 • Email info@opal-holding.com • URL <http://www.opalgmbh.de/> • OPAL Associates GmbH • Osterholder Allee 2 • 25421 Pinneberg • Telefon +49 (0)4101 787 615 • Telefax +49(0)4101 787 616 • Email info@opal-holding.com • OPAL Solutions GmbH • Wilhelmstr. 22 • 52428 Jülich • Telefon +49 (0)2461 936 770 • Telefax +49(0)2461 936 771 • Email info@opal-holding.com • URL <http://www.opal-solutions.de/> • Austria • OPAL Associates GesmbH • Vorarlberger Wirtschaftspark • A-6840 Götzis • Telefon +43 (0) 5523 58833 • Telefax +43 (0)5523 521569 • Email info@opal-holding.com • URL <http://www.opalgmbh.at/>

