

ORION™



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



Easy Label Loading First Time Every Time.

The best in quality, price and performance matched with uncomplicated design features make the Orion™ Eltron's third successful generation of desktop bar code printers. Ideal for all desktop bar code printing applications and user levels, the Orion's innovative open ACCESS™ print head design allows easy cleaning and prevents label jams while the self-centering label roll holder makes label loading simple the first time and every time.

With advanced electronic components that offer continuous printing of variable field labels at 2.5 inches-per-second (64 mm) print speed, 512KB Flash memory and 256KB SRAM (upgradable to 1.0MB Flash and 512KB SRAM), the Orion can also download and store formats, soft fonts and graphics for on-demand customized labels.

Designed for use in many applications, including:

- Shipping and receiving labeling
- Retail UPC and EAN labeling
- Inventory and laboratory specimen labeling

All for a price far below other thermal label printers!

All Eltron printers are built to tough ISO 9002 standards.

Orion Specifications

General Specifications

- 512KB Flash and 256KB SRAM standard
- Downloadable firmware capabilities
- Expandable to 1MB Flash and 512KB SRAM
- Double buffering for faster throughput
- Media sensor for black marks, see through, die cut labels and label out
- Easy-to-load openACCESS™ design
- Easy-to-use EPL2 command language
- Batch or on-demand printing
- Graphics, line and box drawing features, .PCX bitmap supported
- Page mode for label printing
- LED and feed key, Ready Error Indicator
- Prints text, graphics and bar codes in four directions: 0°, 90°, 180°, and 270°
- Line box and graphics drawing features
- Diagnostics and configuration printout and ASCII dump

Software and Drivers

- Create-A-Label Tools for Windows™
- Windows™ drivers for Windows™ 3.xx, Windows 95™, NT 3.51, NT 4.0
- Software utilities (Font and F/W Downloader)

Printing

- Direct thermal printing
- Selectable print speeds from 1 to 2.5 inches per second
- 203 dots per inch (8dots/mm) print resolution
- Maximum standard print width: 4.09" (104mm)
- Maximum standard print length: 11.0" (279mm)
- Maximum expanded memory print length: 22.0" (559mm)
- Minimum print length: 0.5" (13mm)

Bar Codes

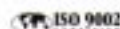
- Code 39
- Code 93
- Code 128 UCC (Shipping Container Code)
- EAN 128
- Code 128 autoselect
- Codabar
- Interleaved 2 of 5
- UPC-A, UPC-E, 2 & 5 digit add-on
- EAN-8, EAN-13, 2 & 5 digit add-on
- POSTNET
- German Postal Code
- MaxiCode
- PDF-417/Macro-PDF
- Selectable bar code height and human readable
- Bar codes with or without human readable text
- Bar codes can be printed four directions: 0°, 90°, 180° and 270°

Fonts & Graphics

- International character sets standard
- Five resident fonts available from 8 pt. to 48 pt., all fonts expandable up to 8 times vertically and horizontally
- Downloadable soft fonts
- Fonts can be printed in four directions: 0°, 90°, 180°, 270°
- All fonts can be printed in normal or reverse, zero-slash style

Eltron

Bar Code Printer Products



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- Supports line and box drawings
- Downloadable .PCX graphics

Media Handling

- Reflective sensor for black marks and transmissive sensor for punched holes and die cut labels
- Label back-up capability
- Media out and top-of-form sensing
- Tear bar

Media

- Type: Roll-fed, die-cut, continuous fan-fold labels, linerless media and continuous receipt paper
- Material: direct thermal sensitive labels or receipt paper
- Maximum media width: 4.25" (108mm), 2.25" (57mm) for tag stock
- Minimum media width: 1" (25.4mm)
- Maximum media thickness: 0.007" (0.18mm)
- Minimum media thickness: 0.003" (0.08mm)
- Maximum roll capacity: 5.0' (127mm) O.D. on a 1.0" (25mm), or 1.5" (38mm) core

Communications Interface

- RS232C
Default baud rate: 9.6k bits/second (range: 1.2k to 19.2k bits/second)
Xon/Xoff or DTR/DSR flow control, software selectable
- Centronics parallel

Mechanical

- Width: 6.70" (170mm)
- Depth: 8.50" (216mm)
- Height: 6.60" (167mm)
- Weight: 3 lbs (1.4kgs)

Electrical

- Nominal Voltage:
(Linear) 120V (60Hz), range 96V-132V (AC)
(Linear) 240V (50Hz), range 192V-264V (AC)
- Complies with FCC Class A and CE requirements;
Meets UL, CUL, TUV requirements

Environmental

- Operating temperature: 40°F to 122°F (5°C to 50°C)
- Storage temperature: -40°F to 140°F (-40°C to 60°C)
- Humidity: 10% to 80% non-condensing

Options

- Label dispense mode
- Label cutter (available Q1 of '99)
- External rewinder
- Keyboard Display Unit (KDU)
- Twinax converter
- Linerless printing
- Create-A-Label 3 Windows™
- Asian character sets (Chinese, Japanese, Korean)
- LAN/Ethernet Adapter
- RS422 interface
- SRAM and flash memory expansion

Other Locations

United States: California, Florida, Utah, Wisconsin
Europe: France, Germany, United Kingdom
Asia: Japan, Singapore

www.eltron.com