





The Industrial Thermal Solutions



CLe Series Printers

Industrial CLe high-speed printers are ideal for:

-  **Compliance Labeling**
-  **WIP Tracking**
-  **Shipping/Receiving**
-  **Asset Tracking**
-  **WMS**
-  **Logistic Tracking**
-  **Retail Labeling**
-  **Laboratory Labeling**
-  **Pallet Labeling**

Industry Leading Throughput

The CLe Series printers use a fast, powerful 32-Bit RISC processor and high-speed interface to deliver excellent performance at an outstanding value.

Rugged Industrial Design

The CLe's heavy-duty metal construction, proven reliability, and excellent media handling deliver optimum performance in the most demanding environments.

Connectivity and Application Flexibility

The CL408e/CL412e and CL608e/CL612e printers simplify connectivity with seven options of user configurable Plug-In Interface Modules. For centralized printer management and administration, the CLe Series offers 10/100 Ethernet (wired) and wireless (802.11g) interface solutions.



Performs best with
Techno
T H E R M
Labels & Ribbons

SPECIFICATIONS



	CL408e	CL412e	CL608e	CL612e
Printing Method	Direct Thermal, Thermal Transfer			
Print Resolution	203 dpi (8 dpmm)	305 dpi (12 dpmm)	203 dpi (8 dpmm)	305 dpi (12 dpmm)
Print Speed	6 ips (150 mm/s)		8 ips (200 mm/s)	
Media Size	Max. 5.1" (131 mm) W Min 0.87" (22 mm) W x 0.24" (6 mm) L		Max. 7" (178 mm) W Min. 1.96" (50 mm) W x 0.78" (20 mm) L	
Max. Print Width	4.1" (104 mm)		6" (152 mm)	6.5" (164 mm)
Max. Print Length	49.2" (1249 mm)	32.8" (833 mm)	49.2" (1249 mm)	32.8" (833 mm)
Max. Ribbon Size	4.4" (111 mm) W x 1475' (450 m) L; Face-In		6.75" (172 mm) W x 1345' (410 m) L; Face-In	
Dimensions	10.7" (271 mm) W x 16.9" (430 mm) D x 12.6" (321 mm) H		13.8" (352 mm) W x 16.9" (430 mm) D x 11.7" (298 mm) H	
Weight	28.7 lbs (13 kg)		41.9 lbs (19 kg)	

Memory:

- 16 MB Standard RAM
- 2 MB Standard Flash
- 4 MB Flash - Optional
- 1 MB or 256k PCMCIA - Optional

Processor:

32-BIT RISC

Media:

Roll-fed or fan-fold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, gap, or notch.

Max. Caliper: 0.01" (0.25 mm)
Max. Roll Diameter: 8.6" (218 mm)
Wind: Face-In

Sensing:

- Adjustable transmissive sensor for gap
- Reflective sensor for black mark
- Automatic, programmable top of form
- Label present sensor (opt. w/dispenser)
- Ribbon-out sensor

Plug-In Interface Modules:

- Serial - RS232 (up to 57.6k bps)
- Parallel - IEEE1284 (ECP)
- Ethernet - 10/100BaseT
- Wireless 802.11g
- Twinax/Coax
- RS422/485
- USB (Factory Installed)

Barcode Symbolologies:

Linear: UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™

2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology

Fonts:

Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Scalable Internal CG Triumvirate® and CG Times® fonts. Optional Downloaded TrueType® fonts, scalable from 8 to 72 points

Barcode and Font Formatting:

- 360° rotation of barcodes and text
- Horizontal and vertical character expansion
- Sequential numbering
- Form overlay for high-speed editing of complex formats

Graphic Support:

Printing and storage of *.PCX, *.BMP format, SATO Hex/binary

Software:

- Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7)
- Label Software (*Label Gallery Free*)
- Printer Utilities

Electrical Requirements:

115V/220V (± 10%), 50/60 Hz (± 1%)

Agency Certifications:

CE, UL, CSA, TÜV

Environmental Requirements:

Operating: 41° to 104°F (5° to 40°C)
15-85% RH, non-condensing
Storage: 23° to 140°F (-5° to 60°C)
Max. 90% RH, non-condensing
EDS: 8kV

Optional Features:

- Label Cutter
- Label Rewinder
- Memory Expansion
- Plug-In Interface
- Label Gallery
- Label Dispenser
- Internal Rewinder
- Real Time Clock
- RFID (CL4xxe)



Memory Expansion



Plug-In Interface Modules



Dispenser



Rewinder



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