



THE INDUSTRIAL THERMAL SOLUTIONS



CLe Series Printers

The industrial CLe high-speed printers are ideal for a range of applications, including:

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

Industry Leading Throughput

The CLe Series printers use a powerful 133 Mhz 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 a large selection of user configurable Plug-In Interface Modules. For centralized printer management and administration, the CLe Series offers WPCPlus as part of the 10/100 Ethernet and WiFi 802.11b interface solutions.

Performs best with
Techno 
T H E R M
M • E • D • I • A





	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 Width	Max. 5.1" (131 mm) /Min 0.87" (22 mm)		Max. 7" (178 mm) /Min. 1.96" (50 mm)	
Max. Print Width	4.1" (104 mm)		6" (152 mm)	6.5" (164 mm)
Min. Print Length	0.87" (22 mm)		1.96" (50 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 ft. (450 m) L; Face-In		6.75" (172 mm) W x 1345 ft. (410 m) L; Face-In	
Dimensions	10.7" W x 16.9" D x 12.6" H (271mm W x 430 mm D x 321 mm H)		13.8" W x 16.9" D x 11.7" H (352 mm W x 430 mm D x 298 mm H)	
Weight	28.7 lbs (13 kg)		41.9 lbs (19 kg)	

Memory:

16 MB Standard RAM
2 MB Standard Flash
16 MB PCMCIA - Optional
6 MB Optional Flash - Total

Processor:

32-BIT RISC/133 MHz

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 setting of top of form. Label present sensor - optional with label dispenser.
Ribbon-out sensor

Plug-In Interface Modules:

- Serial - RS232 (up to 57.6k bps)
- Parallel - IEEE1284 (ECP)
- Ethernet - 10/100BaseT (incl. *WPCPlus*)
- Wireless 802.11b (incl. *WPCPlus*)
- Twinax/Coax
- RS422/485
- USB Adapter

Barcode Symbolologies:

Elementary: 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, UCC/EAN 128, RSS, Composite
2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code

Fonts:

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

Barcode & Font Formatting:

360° rotation of barcodes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

Graphic Support:

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

Software:

Windows® Drivers (Windows® 95, 98, ME, NT4.0, 2000, XP)
"Label Gallery Free" - Label Software 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 Dispenser, Label Rewinder, Memory Expansion, Real Time Clock, Interface Plug-In Modules, RFID (CL4xx), Label Gallery



Memory Expansion



Plug-In Interface Modules



Dispenser



Rewinder