



CL408e | CL608e 203 dpi

CL412e | CL612e 305 dpi



Industrial Thermal Printer | CLe Series



## The Industrial Thermal Solution

### Streamlined Features

- Industry-Leading Throughput
- Rugged Industrial Design
- 18 MB On-Board Memory
- Excellent Media Handling
- Print From Any Windows® Application
- User Configurable Plug-in Interface Modules

### Industry Verticals

- Aerospace
- Automotive
- Education & Libraries
- Food Services & Distribution
- Government
- Logistics
- Manufacturing
- Utilities
- Wholesale

### Industry Applications

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



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# GENERAL SPECIFICATIONS

CL408e | CL412e | CL608e | CL612e

PRINTER MODEL		CL408e	CL412e	CL608e	CL612e
<b>PRINT SPECIFICATIONS</b>					
<b>Printing Method</b>		Direct Thermal/Thermal Transfer			
<b>Print Resolution</b>		203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	203 dpi (8 dots/mm)	305 dpi (12 dots/mm)
<b>Printing Speed</b>		6 ips (100mm/sec)		8 ips (200 mm/s)	
<b>Maximum Print Area</b>	<b>Width</b>	4.1" (104 mm)		6" (152 mm)	6.5" (164 mm)
	<b>Length</b>	49.2" (1249 mm)	32.8" (833 mm)	49.2" (1249 mm)	32.8" (833 mm)
<b>MEDIA SPECIFICATIONS</b>					
<b>Sensor Type</b>		Adjustable transmissive sensor for gap, Reflective sensor for black mark, Automatic, programmable top of form, Label present sensor (option with dispenser), Ribbon-out sensor			
<b>Media Type</b>		Roll-fed or fanfold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, gap or notch.			
<b>Media Size</b>	<b>Width</b>	0.87" - 5.1" (22 mm - 131 mm)		1.96" - 7" (50 mm - 178 mm)	
	<b>Length</b>	Minimum 0.24" (6 mm)		Minimum 0.78" (20 mm)	
	<b>Caliper</b>	0.01" (0.25 mm)			
	<b>Roll Specs</b>	O.D. 8.6" (218 mm) - Face In			
<b>Maximum Ribbon Size</b>		4.4" (111 mm) W x 1475' (450 m) L - Face In		6.75" (172 mm) W x 1345' (410 m) L - Face In	
<b>FONT/BARCODE SYMBOLOGIES</b>					
<b>Fonts</b>		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			
<b>Barcode Symbolologies</b>	<b>Linear</b>	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™			
	<b>2-D</b>	PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology			
<b>Formatting</b>		360° rotation of barcodes and text, Horizontal and vertical character expansion, Sequential numbering, Form overlay for high-speed editing of complex formats			
<b>MEMORY</b>					
<b>Standard</b>		16 MB RAM, 2 MB Flash			
<b>Optional</b>		4 MB Flash, 1 MB or 256 K PCMCIA			
<b>Processor</b>		32-BIT RISC			
<b>COMMUNICATION INTERFACE</b>					
<b>Plug-In Interface</b>		Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Wireless 802.11g, Twinax/Coax, RS422/485, USB			
<b>SUPPORT</b>					
<b>Graphic</b>		Printing and storage of *.PCX, *.BMP format, SATO Hex/binary			
<b>Software</b>		32 and 64-bit Windows® Drivers (Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008 and Windows 7) Label Software (Label Gallery Free), Printer Utilities			
<b>OPERATING CHARACTERISTICS</b>					
<b>Electrical Requirements</b>		115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required for CL4e, auto-switching for CL6e			
<b>Environment</b>	<b>Operating</b>	41° to 104°F (5° to 40°C), 15-85% RH, non-condensing			
	<b>Storage</b>	23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing			
	<b>EDS</b>	8kV			
<b>Agency Certifications</b>		CE, UL, CSA, TÜV			
<b>Dimensions</b>		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	
<b>Weight</b>		28.7 lbs (13 kg)		41.9 lbs (19 kg)	
<b>OPTIONAL ACCESSORIES</b>					
Label Cutter, Label Dispenser, Label Rewinder, Internal Rewinder, Memory Expansion, Real Time Clock, Plug-In Interface, RFID (CL4xxe), Label Gallery					

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## LABEL MANUFACTURING, SERVICE & SALES

<b>NORTH AMERICA</b>	<b>BRAZIL</b>	<b>ARGENTINA</b>
Illinois	Sao Paulo	Buenos Aires
Florida		
New Jersey		
North Carolina		

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