



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
PRINT SPECIFICATIONS					
Printing Method		Direct Thermal/Thermal Transfer			
Print Resolution		203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	203 dpi (8 dots/mm)	305 dpi (12 dots/mm)
Printing Speed		6 ips (100mm/sec)		8 ips (200 mm/s)	
Maximum Print Area	Width	4.1" (104 mm)		6" (152 mm)	6.5" (164 mm)
	Length	49.2" (1249 mm)	32.8" (833 mm)	49.2" (1249 mm)	32.8" (833 mm)
MEDIA SPECIFICATIONS					
Sensor Type		Adjustable transmissive sensor for gap, Reflective sensor for black mark, Automatic, programmable top of form, Label present sensor (option with dispenser), Ribbon-out sensor			
Media Type		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.			
Media Size	Width	0.87" - 5.1" (22 mm - 131 mm)		1.96" - 7" (50 mm - 178 mm)	
	Length	Minimum 0.24" (6 mm)		Minimum 0.78" (20 mm)	
	Caliper	0.01" (0.25 mm)			
	Roll Specs	O.D. 8.6" (218 mm) - Face In			
Maximum 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	
FONT/BARCODE SYMBOLOGIES					
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 Symbologies	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-D	PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology			
Formatting		360° rotation of barcodes and text, Horizontal and vertical character expansion, Sequential numbering, Form overlay for high-speed editing of complex formats			
MEMORY					
Standard		16 MB RAM, 2 MB Flash			
Optional		4 MB Flash, 1 MB or 256 K PCMCIA			
Processor		32-BIT RISC			
COMMUNICATION INTERFACE					
Plug-In Interface		Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Wireless 802.11g, Twinax/Coax, RS422/485, USB			
SUPPORT					
Graphic		Printing and storage of *.PCX, *.BMP format, SATO Hex/binary			
Software		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			
OPERATING CHARACTERISTICS					
Electrical Requirements		115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required for CL4e, auto-switching for CL6e			
Environment	Operating	41° to 104°F (5° to 40°C), 15-85% RH, non-condensing			
	Storage	23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing			
	EDS	8kV			
Agency Certifications		CE, UL, CSA, TÜV			
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)	
OPTIONAL ACCESSORIES					
Label Cutter, Label Dispenser, Label Rewinder, Internal Rewinder, Memory Expansion, Real Time Clock, Plug-In Interface, RFID (CL4xxe), Label Gallery					