



DCS & Labelling Worldwide

*The best-seller industry model*



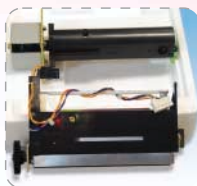
Optional accessories



Rewinder



Cutter



Dispenser



Internal Rewinder

**CL408e/412e**

- Best-Seller Industry Model
- 32-Bit RISC Processor (118 MHz)
- Heavy-Duty
- Durable & Reliable
- RFID Option

[www.satosingapore.com](http://www.satosingapore.com)

[www.barcodesato.com](http://www.barcodesato.com)



**CL408e/412e**  
The High Resolution, High Speed Performer

# CL408e/412e

## General Specifications:



The Standard For Reliable  
Barcode Printing

<b>Print Method</b>	Thermal Transfer, Direct Thermal
<b>Print Resolution</b>	CL408e : 203 dpi (8dpmm)      CL412e : 305 dpi (12dpmm)
<b>Max. Print Area</b>	CL408e : W 104mm x L 1249mm (W 4.1" x L 49.2") CL412e : W104mm x L 356mm (W 4.1" x L 32.8")
<b>Print Speed</b>	50mm - 150mm/sec (2 to 6 ips)
<b>Media Type</b>	Roll or fan-fold die-cut labels, Plain paper stock, Tag stock, Continuous stock
<b>Media Size</b>	Width: 22mm ~ 131mm (0.87" ~ 5.1") Length: (CL408e) 6mm ~ 1249mm (0.24" ~ 49.2"), (CL412e) 6mm ~ 833mm (0.24" ~ 32.8") Maximum Roll Length: 210m (689 ft), Maximum Roll Outer Diameter: 218mm (8.6")
<b>Media Calliper</b>	Maximum 0.25mm
<b>Ribbon</b>	Width: Up to 111mm (4.4") Length: Up to 450m (1475 ft) Thickness: 4.5 micron, Wound Face-In
<b>Sensor Type</b>	Adjustable Transmissive-sensor position for die-cut labels & tags; Reflective sensor for use with pre-printed eye-marks; Automatic sensing for continuous forms
<b>Processor</b>	32-Bit RISC, 118 MHz Flash ROM: 2MB / 4MB (option)    Receive Buffer: 2.95MB (buffer near full at 2MB)
<b>Interface Choices</b>	Serial: RS232C (up to 57.6 K bps), RS-422/485 Parallel: IEEE 1284 (ECP) USB: Version 1.1 LAN: 10/100 Base T Wireless LAN
<b>Barcode Symbolologies</b>	Elementary : UPC-A/E, EAN, JAN, CODE 39, CODE 93, CODE 128, UCC/EAN 128, Inter-leaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, NW-7, MSI, Postnet, Bookland 2-Dimensional : QR Code, PDF417, Veri Code, Maxi Code, Data Matrix, RSS-14 Barcode Ratio : 1:2, 1:3, 1:2.5, User definable bar widths, Programmable heights up to 999 dots
<b>Barcode Rotation</b>	0° ; 90° ; 180° ; 270°
<b>Matrix Fonts</b>	Internal Font : XU 5x9, XS 17x17, XM 24x24, XB 48x48, XL 48x48, OCR-A 22x33, OCB-B 30x36 (Alphanumeric, symbols)
<b>Graphic Support</b>	SATO Hex/Binary or .PCX Format
<b>External Connectors</b>	Parallel: 36-pin Amp      Serial: DB-25      Ext (Accy): 14-pin Amp
<b>Functions</b>	Useful Features : Status Report, Graphics, Sequential Numbering, Form Overlay Store, Customized Design Character, Font Decoration, Reverse Image, Line Print, Hex Dump Print, Format Store, Outline, Outline Variation, Label Skip, Zero Slash Switchover Self-Diagnosis Checking : Head Check, Paper End Detection, Ribbon-end Detection, Ribbon near end detection (Remaining 30m-15m detection), Head Open Detection, Memory Card Error Detection, Test Print, Cutter-Cover opened Detection
<b>Flexibility</b>	Character expansion in 12 steps Vertically & Horizontally; RAM Storage for special characters; Full dot addressable graphics; Sequential Numbering for numbers & barcodes; Form Overlay for high-speed editing of complex formats
<b>Dimension</b>	W 271mm x D 430mm x H 321mm (W 10.7" x D 16.9" x H 12.6"), 13kg (28.7 lb.)
<b>Power Requirements</b>	100 - 115V (+/-10%); 220V (+/-10%); 50/60 Hz (+/-1%); Idling: 50W; Operating: 130W
<b>Environment</b>	Operating: 41 ~ 104° F (5 ~ 40°C) non-condensing; 15 - 85% RH Storage: 0 ~ 104° F (-20 ~ 40°C) non-condensing; Max 90% RH, ESD: 8kV
<b>Regulatory Approvals</b>	FCC Class A; U/L; TUV; CE; CSA; CCC
<b>Options</b>	Label Cutter; Heavy-Duty Cutter; Label Dispenser; Internal Label Rewinder; Calendar; PCMCIA Add-On Memory; 4MB Internal Memory Expansion; RFID

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