



# LC4e

High-quality printing with minimal investment for versatile industrial label applications

## Beyond Expectations

pursues new range of industrial printer designed to provide superior printing quality at minimal cost for various markets and vertical segments

### Easy to Use

- Easy media loading with color-coded parts and stickers for guidance
- Simple and fuss-free parts replacement makes maintenance effortless and minimises downtime
- Clean and sleek design of LCD menu and control panel are user-friendly for all operators



### Flexible and Versatile

- Multiple interfaces on board
  - Parallel (IEEE1284)
  - RS232C
  - USB
  - LAN (10/100BaseT)
- Printer options available:
  - Cutter, dispenser with internal liner rewinder, external rewinder



### Self-Diagnosis Check

- Unique head check function performs print head status analysis before each print to ensure print accuracy
- Prevent label wastage due to print inaccuracy or poor print quality



## GENERAL SPECIFICATIONS

PRINT SPECIFICATIONS		LC408e	LC412e
Printing Method		Direct Thermal and Thermal Transfer	
Print Mode		Continuous, Tear-off, Dispenser, Cutter	
Print Resolution		203 dpi (8 dots/mm)	305 dpi (12 dots/mm)
Max. Print Speed		6ips (152.4mm/sec)	
Max. Print Area	Width, mm (inch)	104mm (4.09")	
	Length, mm (inch)	178mm (7.00")	
CPU		32Bit RISC CPU	
Printer Memory		RAM: 16MB / Flash: 2MB, 4MB (Expandable)	

## CONSUMABLES SPECIFICATIONS (Recommended to use printer supplies manufactured or certified by SATO)

Sensor Type		I-Mark Sensor (Reflective), Label Gap Sensor (Transmissive)	
Media Type		Roll or Fan-Fold Die Cut Labels, Plain Paper Face Stock, Synthetics and Continuous Stock	
Label Shape	Roll Diameter	Max: 215mm (8")	
	Core Diameter	76.4mm (3")	
	Wind Direction	Face-In	
Label Thickness		0.08mm (0.003") ~ 0.260mm (0.010")	
Label Size	Continuous Mode	Width	22mm ~ 128mm (including liner 25mm ~ 131mm)
		Length	6mm ~ 178mm (including liner 9 ~ 181mm)
	Tear-Off Mode	Width	22mm ~ 128mm (including liner 25mm ~ 131mm)
		Length	17mm ~ 178mm (including liner 20 ~ 181mm)
	Dispenser Mode	Width	22mm ~ 128mm (including liner 25mm ~ 131mm)
		Length	17mm ~ 178mm (including liner 20 ~ 181mm)
	Cutter Mode	Width	22mm ~ 128mm (including liner 25mm ~ 131mm)
		Length	17mm ~ 178mm (including liner 20 ~ 181mm)
Ribbon	Length		Max: 300m (984')
	Width		Max: 111mm (4.37")
	Core Diameter		φ25.4mm (1")
	Wind Direction		Face-In

## FONTS & SYMBOLOGIES

Internal Fonts	Standard Bitmap	XS, XU, XM, XB, XL, OCR-A, OCR-B
	Scalable Fonts	CG Times, CG Triumvirate™, Outline Font
Barcode	Linear	Code 39, Code 93, Code 128, CODABAR(NW-7), EAN8/13, GS1 DataBar™, GS1-128(UCC/EAN128), Interleaved 2/5, Industrial 2/5, JAN8/13, Matrix 2/5, MSI, Bookland, POSTNET™, UPC-A/E
	2D Symbologies	PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Data Matrix (ECC200), QR Code, Composite Symbologies

## INTERFACE CHARACTERISTICS AND INTEGRATION

Standard Interfaces	USB, Ethernet, RS232C, IEEE1284
Supported Printer Protocols	SBPL(SATO Barcode Printer Language)
Drivers	32 and 64-bit Windows® Drivers
Options	Cutter, Dispenser with Internal Liner Rewinder, External Rewinder(RWG500)

## OPERATING & ENVIRONMENT CHARACTERISTICS

Electrical Requirements		Input voltage: AC100~120V / 200~240V±10% Frequency: 50/60 Hz
Environment	Operating	5 ~ 40°C / 30 ~ 80% RH (Non-Condensing)
	Storage	-5 ~ 60°C / 30 ~ 90% RH (Non-Condensing)

## PHYSICAL CHARACTERISTICS

Dimensions	W271mm x D429mm x H322mm (W10.67" x D16.89" x H12.68")
Weight	13kg (28.66lbs)



Our wide range of media supplies including labels, tickets, stickers, ribbons, etc are carefully tested to ensure optimal print performance at all times.

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