



LM4e

STRONG AND DURABLE

FEATURES

- // Heavy Duty Industrial Construction
- // High Resolution Printing
- // Interface Port for Easy Connectivity
- // Materials Tracking
- // Work-in-Process
- // Easy Loading

APPLICATIONS

- // Logistics
- // Distribution Centre
- // Warehouse
- // Manufacturing

TECHNICAL INFORMATION

LM408e / LM412e

PRINTING SPECIFICATION		LM408e	LM412e
Printing Method		Direct Thermal, Thermal Transfer	
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)	12 dots/mm (305dpi)
Max. Print Area	Width, mm (inch)	104mm (4.1")	
	Length, mm (inch)	1249mm (49.2")	833mm (32.8")
Print Speed, mm/sec (ips)		Up to 153mm/sec (6ips)	

CONSUMABLES SPECIFICATION (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	
Media Thickness		0.08 – 0.26mm (0.003" – 0.01")	
Label Shape	Diameter	Max. outside diameter: Ø 218mm (8.6"), Core diameter: Ø 38.1mm (1.5") or Ø 76.2mm (3")	
	Wind Direction	Face-in	
Label Size	Continuous	Width	22 – 128mm (0.87" – 5.04")
		Length	6 – 1249mm (0.24" – 49.2")
	Tear-Off	Width	22 – 128mm (0.87" – 5.04")
		Length	17 – 1249mm (0.67" – 49.2")
Ribbon	Size	Width: 39.5mm (1.56") to 111mm (4.37") Max. Length: 450m (1476')	
	Core Diameter	Ø 25.4mm (1")	
	Wind Direction	Face-in	

FONTS / SYMBOLOGIES		
Fonts	Standard Fonts	Bitmap Fonts Alphanumerical and Symbol: WB (18x30 dot), WL (28x52 dot), XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-A (22x23 dot), OCR-B (20x24 dot), OCR-B (30x36 dot)
	Rasterized Fonts	CG Times, CG Triumvirate
Barcode	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC /EAN128), Codabar (NW-7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 Databar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC
	2D Barcode	PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)
Print Rotation	Character Data / Barcode	0°, 90°, 180°, 270°

INTERFACE CHARACTERISTICS	
Optional Plug-in Interface	IEEE1284, Centronics parallel, RS232C (2400-19,200 Baud), RS232C highspeed (9,600-57,600 baud), USB (12Mbit/s), LAN (TCP/IP protocol 10/100BaseT), Wireless LAN 802.11b/g

OPERATING CHARACTERISTICS		
Power requirements	Input voltage AC200-240V (optional 100-120V)/180W (peak)	
Environment	Operating	5 – 40 °C / 30 – 80 % RH (without condensation)
	Storage	-5 – 60 °C / 30 – 90 % RH (without condensation)
Dimension	(W x D x H): 271 x 430 x 321mm (10.7" x 16.9" x 12.6")	
Weight	Approx. 13kg (28.7lbs)	

MISCELLANEOUS	
Certification	FCC, UL, CSA, CCC, CE, ROHS compliant
Useful Features	Status report, Graphic, Sequential numbering, Form overlay, Reverse image, Line print, Hex dump print, Format store, Label skip, Zero slash switchover
Self Diagnosis Checking	Head check, Paper end, Ribbon end, Head open, Test print, Ribbon near end (can be detected with 30 – 15m of ribbon remaining)

OPTIONS	
Accessories	Real-Time Clock, Smart Keyboard, SATO Label Gallery™