HR2

HIGH PRECISION & HIGH RESOLUTION PRINTING

FEATURES

- High Precision Printing
- High Resolution Printing
- Industrial Space-Saving Design
- Integrated Dispenser with Internal Liner Rewinder
- Easy Media Loading
- Multiple Communication Interfaces

APPLICATIONS

- Mobile Phone and Laptop Batteries Labelling
- Electronic Components and Circuit Boards (PCB) Labelling
- Cosmetics and Small Bottles Labelling
- Serial Numbered Nameplates

PRINTING SPECIFICATION		HR212	HR224
Printing Method		Thermal Transfer	
Print Resolution		12 dots / mm (305 dpi)	24 dots / mm (609 dpi)
Max. Print Speed		25 to 100mm/sec (1 to 4ips)	
Max. Print Area	Width, mm (inch)	56mm (2.2")	
	Length, mm (inch)	200mm (7.9")	
Processor		32bit RISC	
Printer Memory		Main memory (Flash ROM): 32MB, SDRAM: 16MB, SD card (Up to 2GB)	

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 type	
Media Thickness		0.130 - 0.220mm (0.005" to 0.008")	
Label Shape	Diameter	Max. outside diameter: Ø 185mm (7.3"), Core diameter: Ø 76.4mm (3.0")	
	Wind Direction	Face-out	
Label Size	Continuous	Width	7 to 58mm (0.3" to 2.3"), Including liner : 10 to 61mm (0.4" to 2.4")
		Length	3 to 197mm (0.1" to 7.7"), Including liner : 6 to 200mm (0.2" to 7.8")
	Tear-Off	Width	7 to 58mm (0.3" to 2.3"), Including liner : 10 to 61mm (0.4" to 2.4")
		Length	3 to 197mm (0.1" to 7.7"), Including liner : 6 to 200mm (0.2" to 7.8")
	Dispenser	Width	7 to 58mm (0.3" to 2.3"), Including liner : 10 to 61mm (0.4" to 2.4")
		Length	3 to 197mm (0.1" to 7.7"), Including liner : 6 to 200mm (0.2" to 7.8")
Ribbon	Size	Max. outer diameter φ51mm (2.0"), Max. Length 150m (492.1ft), Ribbon width : 39.5mm (1.55"), 45mm (1.77"), 59mm (2.32"), 65mm (2.55"),	
	Other	Wind direction : Face-in, Core Diameter: 25,4mm (1.0")	

FONTS / SYMBOLOGIES			
Internal Fonts	Standard Bitmap	U (5x9 dot), S (8x15 dot), M (13x20 dot)	
	TTF Fonts	CG Times; CG Triumvirate	
Barcode	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 93, Code 128, GS1-128 (UCC/EAN128), Codabar (NW–7), Interleaved 2 of 5, Matrix 2 of 5, GS1 DataBar (RSS14)	
	2D Barcode	QR code (Ver8.1), MicroQR, PDF417 (Ver2.4), MicroPDF, MAXI code (Ver3.0), DataMatrix (ECC200), Security QR code	
Print Direction	Character Data / Barcode	Character data rotation: 0º, 90º, 180º, 270º Barcode rotation: 0º, 90º, 180º, 270º	

INTERFACE CHARACTERISTICS AND INTEGRATION			
Interfaces	RS232	RS232C Standard (XON/XOFF, RTS/CTS)	
	USB	USB Device type B connector 2.0 High Speed	
	LAN	Ethernet 10/100 Mbps / DHCP, TCP/IP	
	EXT	Amphenol D-Sub14pin female	
Supported printer protocols		Standard: SBPL (Ver 4.2) SATO Barcode Printer Language.	

OPERATING CHARACTERISTICS			
Power Requirements		AC100V ~ AC240V±10%	
Dimensions		197mm (7.75") x 365mm (14.37") x 285mm (11.22")	
Weight		16.4Kg (36.16 lbs.)	
Environment	Operating	0 – 40 ºC (32 to 104 F) / 10 – 80 % RH (without condensation)	
	Storage	-5 – 60 ºC (23 to 140 F) / 10 – 90 % RH (without condensation)	

MISCELLANEOUS		
Certifications		CE, CCC, ROHS compliant
Regulatory Approvals		Noise: Emission – EN55024
Functions – Useful features		Status return function, Sequential number function, Black/white inversion function, Format registration function
Functions – Self Diagnosis Checking		Thermal head check, Paper end detection, Ribbon end detection, Cover open detection, Test print, Re-winder full detection, Head Lift detection

OPTIONS	
Accessories	SD Card, NiceLabel

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