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LR4NX

SATO AEP
Application Enabled Printing

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Technical Information

PRINTING SPECIFICATION

Model Name		LR4NX L (Left Hand); LR4NX R (Right Hand)
Printing Method		Direct Thermal / Thermal Transfer
Print Resolution		8 dots/mm (203 dpi); 12 dots/mm (305dpi)
Max. Print Speed		10ips
Max. Print Area	Width	104mm (4")
	Length	2500mm (98.4") (203dpi); 1500mm (59") (305dpi)
Internal Memory / Receive Buffer		User Area: Max. 619MB Receive Buffer: Max. 2.95MB (Buffer near full at 2MB, released at 1MB)
Application Method		CJ (Cylinder Jet) Type: Cylinder stroke standard 200mm (valid stroke is within 182mm) Blowing distance up to 10mm, conveyor speed up to 21m/min

CONSUMABLE SPECIFICATION

Label Type		Roll paper
Label Thickness		140 ~ 240μm (Including Liner)
Label Shape	Diameter	Core inner diameter: φ76.2 mm (φ3") Outer diameter: φ280mm (φ11")
	Wind Direction	Face-in / Face-out
Label Size (Without Liner)	Width	30 ~ 117mm (1.1" ~ 4.6") (Depends on application method)
	Length	30 ~ 120mm (1.1" ~ 4.7") (Depends on application method)
Ribbon	Size	Max. Length: 600m (236") Width: 39.5 ~ 111mm (1.5 ~ 4.3")
	Other	Wind Direction: Face-in / Face-out Core Diameter: φ25.4 mm (φ1")

FONTS & SYMBOLOGIES

Internal Fonts	Standard Bitmap	U, S, M, WB, WL, XS, XU, XM, XB, XL, OCR-A, OCR-B, Kanji, Chinese (GB18030, Big 5), Korean (KSX1001)
	Scalable Fonts	15 SATO Fonts Single and Double Byte Fonts (Korean, Chinese, Japanese)
Barcode	Linear	UPC-A, UPC-E, JAN/EAN, CODE39, CODE93, CODE128, GS1-128(UCC128/EAN128), CODABAR(NW-7), ITF, Industrial 2of5, Matrix 2of5, MSI, Customer Barcode, POSTNET, UPC add-on code, BOOKLAND, USPS Code, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked
	2D Symbologies	PDF 417, Micro PDF, Maxi Code, GS1 DataMatrix, QR Code, Micro QR, Data Matrix (ECC200), Aztec
Composite Symbols		GS1 DataBar Composite, GS1 DataBar Truncated Composite, GS1 DataBar Stacked Composite, GS1 DataBar Stacked Omnidirectional Composite, GS1 DataBar Limited Composite, GS1 DataBar Expanded Composite, GS1 DataBar Expanded Stacked Composite

INTERFACE CHARACTERISTICS

Interface	Data Interface: LAN 10BASE-T/100BASE-TX (IPv4/IPv6, SNMPv1~v3 MIB-II, FTP, NTP, LPR, DHCP, Http/Https), RS-232C, IEEE1284 For configuration: USB 2.0 High-speed TypeA
External Signal Interface	Connector: 20 Pin (Terminal block: M3) and EXT (14 Pin)
Emulation	SZPL, SIPL, SDPL

OPERATING CHARACTERISTICS

Air (Under supply of oil-free, moisture-free clean air)	Pressure	0.45 ~ 0.5 MPa (4.5 - 5.0 Kgf/cm2)
	Consumption	Approximately 80 litres/min (Depends on application method, label size, application process capacity, and other conditions)
Environment	Operating	5~35℃/25~85%RH (without condensation)
	Storage	-5~60℃/25~90%RH (without condensation)
Electrical		Universal Auto-ranging Power Supply, 100-240 VAC +/-10%, 50/60 Hz
Power Consumption		Peak: 190W/190VA, Standby: 20W/30VA
Dimensions		W612mm×D325mm×H546mm (W24,09"×D12.79"×H21.49")
Weight		Approximately 29.5kg (65.03lbs) (CJ Type)

MISCELLANEOUS

Agency Approvals	RoHS, KC, IEC60950-1, EN60950-1, EN55032 Class A, EN55024
Features	Guidance Videos, 31 Language Display on LCD, Notification of Cleaning Timing, Head Check, Real Time Clock(Option), Password Lock, External Logo and Font Download, Turn-off LCD, Stand-by, Status Reply and more

OPTIONS

Accessories	Object Detection Sensor, I/O Relay Box, Pressure Roller and more

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