Small in size. High on performance.

PW2mNX

A powerful compact
2-inch mobile printer

The Last Inch®

Unleashing the Power of IoT

SATO

satoeurope.com

PW2mNX Technical Specification

PRINTING SPECIFICATION			PW2mNX
Printing Method			Direct Thermal
Print Resolution, dots/mm (dpi)			8 dot/mm. (203dpi)
Max. Print Area	Width, mm (inch)		55 mm. (2.2")
	Length, mm (inch)		1000mm. (39")
Max. Print Speed, mm/sec (ips)			152 mm/sec (6 ips). Intelligent control for fast, consistent printing
Display			Organic Electroluminescent display, high brightness + wide-angle viewing. Prominent red, green and blue status LEDs

CONSUMABLES SPECIFICATION. SATO labels provide optimum performance			
Sensor Type			I-Mark (Reflective)
Media Type			Roll die-cut labels and continuous media with release liner. Linerless media handling as standard. Receipt paper
Media Thickness			64 to 190μm (0.064 to 0.19mm)
Label Roll	Diameter		Max. external diameter 35 mm. (1.38")
	Wind Direction		Face-out
Label Size	Continuous	Width	58 ± 0.5mm. (2.4") Standard roll width
		Length	13 - 160mm. (0.6 - 6.4")
	Tear Off	Width	58 ± 0.5mm. (2.4") Standard roll width
		Length	16 - 160mm. (0.6 - 6.3")
	Linerless	Width	58 ± 0.5mm. (2.4") Standard roll width
		Length	16 - 120mm. (0.6 - 4.7")

FONTS / SYMBOLOGIES		
Fonts	Standard Fonts	Multiple Bitmap fonts. Helvetica Outline font. Multiple rasterized fonts. Refer to Operator Manual for full list.
Barcodes	1D Barcode	UPC-A. UPC-E. JAN/EAN. CODE 39. CODE 93. CODE 128. GS1 128(UCC /EAN 128). CODABAR (NW-7). ITF, Ind 2 of 5, Matrix 2 of 5, Customer Barcode, UPC Add-on Code, BOOKLAND, GS1 DataBar Omni-directional, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked.
	2D Barcode	QR Code (including Micro QR), Security QR, PDF417 (including Micro PDF), MAXI Code, GS1 DataMatrix, DataMatrix (ECC200), Aztec Code
Print Rotation	Character Data / Barcode	0°, 90°, 180°, 270°

INTERFACE CHARACTERISTICS		
Interfaces	USB / Bluetooth Model	Bluetooth 3.0 with iOS support. USB 2.0 High Speed
	Remote management	SATO All-in-One Configuration utility.
	NFC	For fast device pairing and rapid configuration
Drivers		Windows, SAP, NiceLabel, Bartender, Teklynx, SATO CUPS driver for Linux and Mac OS
Language Emulations		SBPL, SPOS, SCPCL, SZPL, SDPL, SIPL, STPCL

OPERATING CHARACTERISTICS	
Power Requirements	AC Adaptor/charger. Input voltage AC100-240V (auto switching). Output voltage 10v DC, 1.9A Energy Star compliant
Battery	Lithium-ion Smart Battery. 7.2V, 1950 mAh
Power Saving	Smart battery with intelligent charging and usage technology. Programmable sleep functions
Dimensions	W 95 mm x D 110.5 mm x H 56 mm
Weight	374g (including battery)
Drop Testing	2.1 metres, all faces.
Casing construction	Polycarbonate and shock-absorbing elastomer
Operating temperature	-15 to 50°C (5 to 122°F). In Linerless mode: 5 to 35°C (41 to 95°F)
Humidity	10 to 85% RH. In Linerless mode: 30 to 75% RH (All non-condensing)

MISCELLANEOUS	
Certifications	European compliance CE. Bluetooth MFi Certification. FCC. ROHS compliant.
Operator Function	Operator keys and display are "Island" grouped for ease of operation. Extensive Icon-driven user functions.
Self Diagnosis Functions	Head check, Battery check, Paper end detection, Head open detection, Sensor error detection, Data error check. Overcharge / over discharge protection, Test print.

OPTIONS	
Accessories	Spare battery, Single battery charger, 1 Bay and 4 Bay Charging Cradles for vehicle, desk or wall-mounting , AC Adaptor (charges battery inside the printer). Standard and Heavy Duty Carry Cases. Shoulder Strap, Vehicle charger.

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