PW2NX

2-inch Mobile Label Printer

Connectivity

PW2NX
Mobile Computer
PC
Tablet PC
Smartphone

- Bluetooth
- USB
- NFC
- WLAN

Features

- Full 2.16" print width
- Built-in dispenser
- Six preinstalled emulations
- Customized programs
- Smart battery for easy management and full shift operation
- Numerous chargers and accessories
- Bright status LEDs and color display

Compact & Durable

3.74"
5.04"
2.69"

- Lightweight at 0.97 lbs. (444 grams), including battery
- 3.7" width, 5.0" depth and 2.7" height allows for easy carrying
- Shell structure absorbs 8.2 ft drop

WiFi CERTIFIED®   Bluetooth®   NFC   VALIDATED   Made for iPhone | iPad | iPod

www.satoamerica.com/PW2NX

GENERAL SPECIFICATIONS / PW2NX

PRINT SPECIFICATIONS

Method
Direct Thermal

Mode
Continuous, Tear-off, Cutter, Dispense, Linerless

Print Resolution
203 dpi (8 dots/mm)

Print Speed
3, 4, 5, 6ips (76, 101, 127, 152 mm/sec)
Linerless and Dispenser: Up to 4ips (101 mm/sec)

Max. Print Area
Width: 2.16" (55 mm)
Length: 39.37" (1000 mm)

MEDIA SPECIFICATIONS

Sensor Type
Transmissive Sensor for Gap,
Reflective Sensor for I-mark

Media Type
Roll (Die-cut, Continuous, Linerless Labels)

Media Size (Without Liner)

Continuous
Width: 1.0 - 2.17" (25.4 - 55 mm)
With Liner: 1.12 - 2.28" (28.4 - 58 mm)
Length: 0.51 - 6.30" (13 - 160 mm)
With Liner: 0.63 - 6.42" (16 - 163 mm)

Tear-Off
Width: 1.0 - 2.17" (25.4 - 55 mm)
With Liner: 1.12 - 2.28" (28.4 - 58 mm)
Length: 0.51 - 6.30" (13 - 160 mm)
With Liner: 0.62 - 6.42" (16 - 163 mm)

Dispenser
Width: 1.0 - 2.17" (25.4 - 55 mm)
With Liner: 1.11 - 2.28" (28.4 - 58 mm)
Length: 0.62 - 6.30" (16 - 160 mm)
With Liner: 0.74 - 6.42" (19 - 163 mm)

Linerless
Width: 1.97- 2.28" (50 - 58 mm)
Length: 0.63- 4.72" (16 - 120 mm)

Receipt
Width: 1.06" - 2.28" (27-58 mm)

Media Thickness
0.0025" - 0.0074" (0.064 - 0.19 mm)

Outer Roll Diameter
Maximum Outer Diameter: 2.36" (60 mm)

Inner Roll Diameter
0.75" (19 mm)

SATO Genuine Consumables
For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.

COMMUNICATION INTERFACES SPECIFICATIONS

Standard
USB 2.0 (Type B Mini), Bluetooth® Ver. 3.0 (iOS Support), NFC

Optional Wireless LAN Kit
Wi-Fi® and Wi-Fi Direct® Certified, IEEE 802.11a/b/g/n, Dual Band (2.4GHz, 5GHz)

MEMORY & PROCESSING

Printer Memory
2GB Flash, 512MB RAM
Receive Buffer: 2.95MB

Processor
32-Bit RISC CPU

USER FRIENDLY SUPPORT TOOLS

Large Status LED
Blue/Red

Audible Alerts
Activated When Printer Requires Attention

Self Diagnosis
Thermal Head Check, Paper End Detection, Test Print, Cover Open Detection, Auto Power Off

Display Panel
Organic EL Display (128 x 64 dots)

Remote Maintenance
SNMP Ver. 3, HTTP (Web Interface)

Emulation
SBPL® (Standard), SPOS®, SCPCL®, SZPL®, SDPL®, SIPL®, STPCL®

SATO All-In-One Tool (AIOT)
Link to supported printer(s) via auto discovery or manual entry; easily send print jobs using mobile devices; Configure control any SATO printer regardless of its location in the world

FONT SPECIFICATIONS

Internal Fonts

Standard Bitmap & Scalable Fonts
10 Bitmap SATO Fonts, 13 Scalable SATO Fonts, SATO CG Sleek, SATO CG Stream, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)

Encoding
Major Latin and Pan-European Code Pages (WGL4), GB18030 (Simplified), KSX1001 (Korean), BIG5 (Traditional), JIS, SHIFTJIS, UTF-8 and UTF-16BE

BARCODE SYMBOLOGIES

Barcodes

Linear
Code 39, Code 93, Code 128, CODABAR (NW7), EAN(JAN)8/13, GS1-Databar™, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, Matrix 2/5, MSI, Bookland, Postnet™, UPC-A/E

2D Symbologies
PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Aztec, QR Code, Micro QR Code and Composite Symbologies

OPERATING & ENVIRONMENT CHARACTERISTICS

Electrical Requirements
AC100V~AC240V, 50/60 Hz (AC Adapter) ;
Output: DC10V + 1.0V / -0.0V 1.5A
Energy Star Compliant

Standards & Agency Approvals
CE Marking, IEC60950-1, EN60950-1, EN55022, EN55032, EN55024, EN61000-3-2/3-3, EN 301 489-1/-3/-17, EN 300 330-2/-1, RE, MET/cMET, FCC15B/C/E, CCC, SRRC, IDA, SIRIM, NTC, SDPPI, RCM

Environment

Operating
23 to 104°F (-5 to 40 °C), 30-80 % RH (Without Condensation)

Storage
-13 to 140°F (-25 to 60 °C), 10-90 % RH (Without Condensation)

Battery
7.2V (1950 mAh)

PHYSICAL CHARACTERISTICS

Dimensions
Width: 3.74" (95 mm)
Depth: 5.04" (128 mm)
Height: 2.69" (68.2 mm)

Weight
0.97 lbs. (444g) Excluding Paper, Including Battery Weight of 0.23 lbs. (105g)

Durability
Withstands Multiple 8.2 ft. (2.5 m) Drop Impacts

ACCESSORIES

Included
Lithium-ion Battery, Belt Clip

Optional
1-Bay / 4-Bay Charging Cradle, 1-CH Battery Charger, Lithium-ion Battery, AC Adapter, Vehicle Adapter, Standard Vehicle Mount Solution from RAM Mount, Shoulder Strap, Carrying Case

WARRANTY

1 Year

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