



PW2NX

2-inch Mobile Label Printer

Connectivity



- Bluetooth
- NFC
- USB
- 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



- 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



Made for iPhone | iPad | iPod

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)

Roll Diameter

Maximum Outside Diameter: 2.36" (60 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®, Wi-Fi Direct® and CCX (Cisco®) 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®, SCPCLE®, 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 SYBLOGIES

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 Symbolgies

PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Aztec, QR Code, Micro QR Code and Composite Symbolgies

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

SATO AMERICA CORPORATE

10350-A Nations Ford Rd
Charlotte, NC 28273
Phone: (704) 644-1650
Fax: (704) 644-1662
sales-sallc@sato-global.com

LABEL MANUFACTURING, SERVICE & SALES

UNITED STATES MEXICO CENTRAL AMERICA
CANADA CARIBBEAN



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