



PW4NX

4-Inch Mobile Thermal Printer

Fast and Reliable



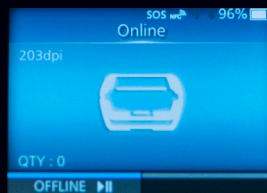
Dependable

- Robust & Rugged design that can withstand drops of 7 feet
- IP54 rated against dust and water
- Remote management via SOTI and SOS
- Easy user replacement of print head and platen roller
- Optional DC/DC forklift adapter



Efficient

- Fast 6 ips consistent print speed
- High quality print even when the battery charge is low
- 2.4" color display
- Video tutorials



Intelligent

- Pre-installed emulations
- Standalone printing with apps; directly connect a barcode scanner
- Connectivity for Apple, iOS, Android, and Windows



GENERAL SPECIFICATIONS / PW4NX

PRINT SPECIFICATIONS

Method

Direct Thermal

Mode

Continuous, Tear-off, Cutter, Dispense, Linerless

Print Resolution

203 dpi (8 dots/mm)

Print Speed

2 – 6 ips (51 - 152 mm/sec)

Linerless & Dispenser: 2 to 4 ips (51 - 101 mm/sec)

Max. Print Area

Width: 4.09" (104 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: 1.5 – 4.37" (38 - 111 mm)

With Liner: 1.61 – 4.49" (41 - 114 mm)

Length: 0.51 – 12" (13 - 305 mm)

With Liner: 0.63 – 12.13" (16 - 308 mm)

Tear-Off

Width: 1.5 – 4.37" (38 - 111 mm)

With Liner: 1.61 – 4.49" (41 - 114 mm)

Length: 0.63 – 12" (16 - 305 mm)

With Liner: 0.75 – 12.13" (19 - 308 mm)

Dispenser

Width: 1.5 – 4.37" (38 - 111 mm)

With Liner: 1.61 – 4.49" (41 - 114 mm)

Length: 0.63 – 10" (16 - 254 mm)

With Liner: 0.75 – 10.12" (19 - 257 mm)

Linerless

Width: 1.5 – 4.49" (38 - 114 mm)

Length: 0.63 – 10.12" (16 - 257 mm)

Receipt

Width: 1.06" – 2.28" (27 - 58 mm)

Media Thickness

0.0023" – 0.0075" (0.058 - 0.1905 mm)

Outer Roll Diameter

Maximum Outer Diameter: 2.63" (67 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 High Speed type B mini, Bluetooth

Ver.5.0 BLE, NFC 802.11a/b/g/n/r/ac Dual band

WLAN (2.4 GHz, 5 GHz)

MEMORY & PROCESSING

Printer Memory

8GB ROM, 1 GB RAM

Receive Buffer: 2.95MB

Dual CPUs with a 1GHz

USER FRIENDLY SUPPORT TOOLS

Large Status LED

Blue/Red/Green (Battery)

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

2.4-inch color display (80° viewing angle)

Remote Maintenance

SNMP Ver. 3, web interfaces, SATO Online

Services (SOS), All-In-One Tool (AIOT), SOTI

Connect

Emulation

SBPL®, SZPL, SCPL, SIPL

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

U, S, M, WB, WL, XU, XS, XM, XB, XL, OCR-A,

Height: 3.35" (85 mm)

OCR-B

Scalable Fonts

SATO CG Sleek, SATO CG Stream, 13 SATO

Fonts, 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 Symboleges

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

OPERATING & ENVIRONMENT CHARACTERISTICS

Electrical Requirements

AC100V~AC240V, 50/60 Hz (AC Adapter) ;

Output: DC19V +/- 5% 2.37A

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

5 to 122°F (-15 to 50 °C), 10-90 % RH

(Without Condensation)

Storage

-13 to 140°F (-25 to 60 °C), 10-90 % RH

(Without Condensation)

Battery

14.4V (2550 mAh)

PHYSICAL CHARACTERISTICS

Dimensions

Width: 7.09" (180 mm)

Depth: 7.68" 04" (195 mm)

Height: 2.69" (68.2 mm)

Weight

3.17 lbs. (1,440g) Excluding Paper, Including

battery

Durability

Withstands Multiple drops at 7ft (2.13 m).

Rated IP54

ACCESSORIES

Included

Lithium-ion Battery, Belt Clip

Optional

1-Bay / 4-Bay Charging Cradle, 1-CH Battery Charger, Lithium-ion Battery, AC Adapter, DC Adapter, Battery Eliminator with AC Adapter, Cigarette Adapter, Hand Strap, Belt Clip, Shoulder Strap, Carrying Case, Printer Stand, Mounting Bracket, Cold Case and Linerless Kit.

WARRANTY

1 Year