Mobile Thermal Printer

PV3

Mobile 3-inch Thermal Printer

KEY FEATURES AND BENEFITS

- Compact design with robust construction
- Drop resistance of 6.9-feet
- Light-weight (1.53 lbs) design reduces user fatigue
- Belt clip provides mobility for hands-free operation

- Bluetooth, Wireless LAN and USB connectivity
- Android and iOS compatibility
- Water resistant and dust proof (IP54)
- Built-in Dispenser
- 2.6 inch OD roll

Bluetooth™ Made for iPhone | iPad | iPod

www.satoamerica.com/PV3

GENERAL SPECIFICATIONS / PV3

PRODUCT SPECIFICATIONS

Print Resolution		203 dpi
Print Speed		5 ips
Print Area	**Max Width**	2.83" (72mm)
	Max Length	15.74" (400mm)
Media Size (with liner)	**Width**	3.15" (80mm)
	Length	15.74" (400mm)

PRINTING SPECIFICATIONS

Method
Direct Thermal

Mode
Continuous, Tear-off, Dispenser

MEDIA SPECIFICATIONS

Sensor Type
Gap, Black Mark

Media Type
Roll (face-out), Fan-fold Label, Receipt

Media

Thickness (Label & Liner)
0.003" - 0.006" (0.07 - 0.15mm)

Outer Roll Diameter
Up to 2.60" (66mm)

Inner Roll Diameter
0.75" (19mm), 0.5" (12mm)

Wind
Face-out

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

FONT SPECIFICATIONS

Internal Fonts
33 Bitmap and 2 Scalable Fonts, Multi-national Langauge Support for Major Latin, Pan European and Asian Languages, Single and Double Byte Fonts

CONNECTIVITY

Standard
USB 2.0 (Type B mini connector), Bluetooth® Ver. 4.1 LE

Optional Wireless LAN Kit *(Coming Soon)*
IEEE 802.11 a/b/g/n (Infrastructure, Ad-hoc, Soft AP)

MEMORY & PROCESSING

Printer Memory
256MB Flash, 128MB SDRAM

User Downloadable Fonts, Videos, Graphics or Format
Maximum 5MB

USER FRIENDLY SUPPORT TOOLS

Large Status LED
Red: Charging
Green: Fully Charged
Red Blinking: Error, Replace, or Reinstall Battery

Audible Alerts
Buzzer

Self Diagnosis
Cover Open, Label Presence

Display Panel
LCD (200 x 100 pixels)

Emulation
SLCS, BPL-Z™, BPL-C™

OPTIONS

Included
Lithium-ion Battery, Belt Clip

Optional
1 Bay Charger, 4 Bay Charger, Belt Clip, Lithium-ion Battery, AC Adapter

BARCODE SYMBOLOGIES

Barcodes

Linear
Codebar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5, UPC/EAN Extensions, UPC-A, UPC-E, IMB

2D Symbologies
Aztec, Codablock, Code 49, Composite Symbologies, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC 39

OPERATING CHARACTERISTICS

Electrical Requirements
AC 100 V to 240 V (90 ~ 264 Vac)
Output voltage: 9 Vdc (9 ~ 9.55 Vdc)

Battery
7.4V Li-ion, 2,600 mAh

Standards & Agency Approvals
Please contact SATO regarding agency approvals in your region.

Environment

Operating
5 - 122°F (-15 - 50°C) / 10 - 80% RH (without condensation)

Storage
-22 - 140°F (-30 - 60°C) / 10 - 90% RH (without condensation)

PHYSICAL CHARACTERISTICS

Dimensions
6.26" L x 4.69" W x 3.11" H (159mm x 119mm x 79mm)

Weight
1.53 lbs (694g) (including battery, excluding media)
Battery Weight of 0.24 lbs (110g)

Construction
Polycarbonate Body and Rubber Overmolding

Durability
Withstands Multiple 6.9' (2.1m) Drop Impacts
Water and Dust-proof IP54 (printer only)

MISCELLANEOUS

Functions - Useful Features
iOS, Android and Windows SDKs, Configuration Tools, Built-in Dispenser, Virtual COM for USB, Label Design Software, Mobile Printing App, Visual Battery Status

SATO AMERICA
CORPORATE
14125 South Bridge Circle
Charlotte, NC 28273
Phone: (704) 644-1650
sales-sal@sato-global.com

LABEL MANUFACTURING, SERVICE & SALES
UNITED STATES MEXICO CENTRAL AMERICA
CANADA CARIBBEAN

www.satoamerica.com/PV3

©2026 SATO America . All rights Reserved. Rev A • Any unauthorized reproduction of this content, in part or whole, is strictly prohibited • SATO is a registered trademark of SATO Corporation and its subsidiaries in Japan, the U.S. and other countries. All other trademarks are the property of their respective owners.