



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



Made for iPhone | iPad | iPod

[www.satoamerica.com/PV3](http://www.satoamerica.com/PV3)

# GENERAL SPECIFICATIONS / PV3

PRODUCT SPECIFICATIONS			
<b>Print Resolution</b>		203 dpi	
<b>Print Speed</b>		5 ips	
<b>Print Area</b>	<b>Max Width</b>	2.83" (72mm)	
	<b>Max Length</b>	15.74" (400mm)	
<b>Media Size (with liner)</b>	<b>Width</b>	3.15" (80mm)	
	<b>Length</b>	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 Language 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 Symbolologies**  
Aztec, Codablock, Code 49, Composite Symbolologies, 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

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

## LABEL MANUFACTURING, SERVICE & SALES

UNITED STATES MEXICO CENTRAL AMERICA  
CANADA CARIBBEAN

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