



## Mobile Thermal Printer



# PV4

Mobile 4-inch  
Thermal Printer



### KEY FEATURES AND BENEFITS

- 2 inch color LCD with 80° viewing angle
- Drop resistance of 6-feet
- Fan fold support for mounting
- Belt clip provides mobility for hands-free operation



- Bluetooth, WiFi and USB connectivity
- Extra capacity 6700 mAh battery
- Water resistant and dust proof (IP54)
- Built-in dispenser
- 2.6 inch OD for maximum labels per roll



Made for  
iPhone | iPad | iPod

[www.satoamerica.com/PV4](http://www.satoamerica.com/PV4)

# GENERAL SPECIFICATIONS / PV4

| PRODUCT SPECIFICATIONS                                                                                                                          |            |                                                                          |                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print Resolution                                                                                                                                |            | 203 dpi                                                                  |                                                                                                                                                                                                                  |
| Print Speed                                                                                                                                     |            | 5 ips                                                                    |                                                                                                                                                                                                                  |
| Print Area                                                                                                                                      | Max Width  | 4.1" (104mm)                                                             |                                                                                                                                                                                                                  |
|                                                                                                                                                 | Max Length | 15.7" (400mm)                                                            |                                                                                                                                                                                                                  |
| Media Size (with liner)                                                                                                                         | Width      | 4.4" (112mm)                                                             |                                                                                                                                                                                                                  |
|                                                                                                                                                 | Length     | 15.7" (400mm)                                                            |                                                                                                                                                                                                                  |
| PRINTING SPECIFICATIONS                                                                                                                         |            | CONNECTIVITY                                                             | BARCODE SYBLOGIES                                                                                                                                                                                                |
| Method                                                                                                                                          |            | Standard                                                                 | Barcodes                                                                                                                                                                                                         |
| Direct Thermal                                                                                                                                  |            | USB 2.0 (Type C connector), Bluetooth® Ver. 5.0 LE                       | Linear                                                                                                                                                                                                           |
| Mode                                                                                                                                            |            | Optional WiFi                                                            | 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 |
| Continuous, Tear-off, Dispenser                                                                                                                 |            | IEEE 802.11 a/b/g/n (Infrastructure, Ad-hoc, Soft AP)                    | 2D Symbolologies                                                                                                                                                                                                 |
| MEDIA SPECIFICATIONS                                                                                                                            |            | MEMORY & PROCESSING                                                      | Aztec, Codablock, Code 49, Composite Symbolologies, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC 39                                                                                                  |
| Sensor Type                                                                                                                                     |            | Printer Memory                                                           |                                                                                                                                                                                                                  |
| Gap, Black Mark                                                                                                                                 |            | 256MB Flash, 128MB SDRAM                                                 |                                                                                                                                                                                                                  |
| Media Type                                                                                                                                      |            | User Downloadable Fonts, Videos, Graphics or Format                      |                                                                                                                                                                                                                  |
| Roll (face-out), Fan-fold Label, Receipt                                                                                                        |            | Maximum 5MB                                                              |                                                                                                                                                                                                                  |
| Media                                                                                                                                           |            | USER FRIENDLY SUPPORT TOOLS                                              |                                                                                                                                                                                                                  |
| Thickness (Label & Liner)                                                                                                                       |            | Large Status LED                                                         | Electrical Requirements                                                                                                                                                                                          |
| 0.003" - 0.006" (0.07 - 0.15mm)                                                                                                                 |            | Red: Charging                                                            | AC 100 V to 240 V (90 ~ 264 Vac)                                                                                                                                                                                 |
| Outer Roll Diameter                                                                                                                             |            | Green: Fully Charged                                                     | Output voltage: 9 Vdc (9 ~ 9.55 Vdc)                                                                                                                                                                             |
| Up to 2.60" (66mm)                                                                                                                              |            | Red Blinking: Error, Replace, or Reinstall Battery                       | Battery                                                                                                                                                                                                          |
| Inner Roll Diameter                                                                                                                             |            | Audible Alerts                                                           | 7.2V Li-ion, 6,700 mAh 48 Wh                                                                                                                                                                                     |
| 0.75" (19mm), 0.5" (12mm)                                                                                                                       |            | Buzzer                                                                   | Standards & Agency Approvals                                                                                                                                                                                     |
| Wind                                                                                                                                            |            | Self Diagnosis                                                           | Please contact SATO regarding agency approvals in your region.                                                                                                                                                   |
| Face-out                                                                                                                                        |            | Cover Open, Label Presence                                               | Environment                                                                                                                                                                                                      |
| SATO Genuine Consumables                                                                                                                        |            | Display Panel                                                            | Operating                                                                                                                                                                                                        |
| For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.                                                 |            | 2" Color LCD (240 x 320 pixels)                                          | 5 - 122°F (-15 - 50°C) / 10 - 80% RH (without condensation)                                                                                                                                                      |
| FONT SPECIFICATIONS                                                                                                                             |            | Emulation                                                                | Storage                                                                                                                                                                                                          |
| Internal Fonts                                                                                                                                  |            | SLCS, BPL-Z™, BPL-C™                                                     | -22 - 140°F (-30 - 60°C) / 10 - 90% RH (without condensation)                                                                                                                                                    |
| 33 Bitmap and 2 Scalable Fonts, Multi-national Language Support for Major Latin, Pan European and Asian Languages, Single and Double Byte Fonts |            | OPTIONS                                                                  | PHYSICAL CHARACTERISTICS                                                                                                                                                                                         |
|                                                                                                                                                 |            | Included                                                                 | Dimensions                                                                                                                                                                                                       |
|                                                                                                                                                 |            | Lithium-ion Battery, Belt Clip                                           | 7.3" L x 6.2" W x 3.2" H (186mm x 158mm x 82mm)                                                                                                                                                                  |
|                                                                                                                                                 |            | Optional                                                                 | Weight                                                                                                                                                                                                           |
|                                                                                                                                                 |            | 1 Bay Charger, 4 Bay Charger, Belt Clip, Lithium-ion Battery, AC Adapter | 2.4 lbs (1094g) (including battery, excluding media)<br>Battery Weight of 0.5 lbs (235g)                                                                                                                         |
|                                                                                                                                                 |            |                                                                          | Construction                                                                                                                                                                                                     |
|                                                                                                                                                 |            |                                                                          | Polycarbonate Body and Rubber Overmolding                                                                                                                                                                        |
|                                                                                                                                                 |            |                                                                          | Durability                                                                                                                                                                                                       |
|                                                                                                                                                 |            |                                                                          | Withstands Multiple 6' (1.8m) Drop Impacts<br>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

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## LABEL MANUFACTURING, SERVICE & SALES

UNITED STATES MEXICO CENTRAL AMERICA  
CANADA CARIBBEAN

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