PV3

A powerful and robust
mobile printer

PV3 Mobile Printer.

The PV3 is a compact, durable and high-performing 3-inch mobile label printer from SATO, ideal for a wide range of applications and sectors including healthcare, manufacturing, retail, and logistics.

Lightweight and sturdy, the PV3 is suitable for both indoor and outdoor use. From markdowns and shelf labelling to bedside sample labelling, the device enables improved operator efficiency and boosts labelling productivity, leaving more time for users to focus on their important daily activities.

Print receipts or labels on-demand anywhere.

The PV3 provides high quality and quick printing with multiple interface options. The model is a cost-effective traceability solution that enables efficient printing whenever and wherever it is needed.

The PV3 printer combines value-added features and world-class design to deliver a printing solution that goes beyond expectations.

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APPLICATIONS:

- ☑ Retail

- ☑ Logistics & Distribution

- ☑ Warehouse & Manufacturing

- ☑ Healthcare

- ☑ Hospitality

- ☑ Public Utilities/Government

KEY FEATURES:

- ☑ Portable and lightweight
- ☑ Simple to operate

- ☑ Compact
- ☑ Smart media detection

- ☑ Robust
- ☑ Unicode support

- ☑ Fast print speed of 5ips
- ☑ User-friendly LCD control screen and media loading

The PV3 won't let you down!

The SATO PV3 printer has exceptional compatibility. Third-party emulations including SLCS, BPL-Z™ and BPL-C™ ensure it is a simple process to replace existing printers without creating complex new workflows and enables simple integration for IT departments.

In addition, connectivity options such as WiFi, Bluetooth 4.1, USB 2.0, NFC support, Android and iOS compatibility offer an enhanced user experience.

For example, the PV3 enables retail workers to connect wirelessly at the point of sale to synchronise label prices in real-time to boost pricing accuracy and customer satisfaction.

Compact design, big performance.

Carrying a heavy mobile printer around can make sustained operation difficult for workers such as train conductors or car park attendants. The PV3 printer is exceptionally light in comparison to most mobile solutions on the market, enabling users to carry it comfortably. The PV3 is also available with shoulder straps and belt clips for extra portability.

The PV3 combines compact design with robust construction. With a 2.1m drop resistance, it has a durable polycarbonate body and rubber overmolding edges absorb the force of impact if dropped. This innovative design helps prevent downtime due to breakage in both the internal and external workplace environment. From hospital wards to factory floors, the PV3 is built to withstand the impact of any hard surface.

User-friendly functions, software and tools

- ✓ Quick and easy media loading with one-touch cover opening

- ✓ Compatible with a range of software and tools

- ✓ Bright, clear electroluminescent display screens and alerts

TECHNICAL TOOLS

- ⊘ iOS SDK, Android SDK, Windows SDK (Windows 10)

- ⊘ Supported Drivers:
  Windows Driver (Euro Plus/Seagul)
  Linux CUPS Driver, Mac CUPS Driver,
  OPOS Driver

- ⊘ Utility Program (Unified Label Utility,
  Net Configuration Tool) Label designer
  software (Supported: Bartender UL)

- ⊘ USB 2.0 FS type B mini connector

- ⊘ WLAN and WIFI connection

- ⊘ Bluetooth enabled

- ⊘ IP54

- ⊘ iOS compatible

Optional Accessories

- **AC Adapter**
  Can be plugged into the printer and charged between uses.
  Remains operational when charging. Charges a single battery in 4 hours.

- **1 and 4 Channel Battery Charger**
  Charges a single battery in 4 hours.

- **Belt Strap**
  Optional shoulder and belt strap available for a hands-free solution.

PV3 Technical Specifications

PRODUCT SPECIFICATIONS		
Print Resolution		8 dot/mm. (203 dpi)
Print Speed		127 mm /sec (5 ips)
Print Area	Max Width	72mm (2.83")
	Max Length	400mm (15.74")
Media Size (with liner)	Width	80mm (3.15")
	Length	400mm (15.74")

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)	0.07 - 0.15mm (0.003" - 0.006")
	Roll Diameter	Maximum: 66mm (2.60")
	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	Green	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	-15 - 50°C (5 - 122°F) / 10 - 80% RH (without condensation)
	Storage	-30 - 60°C (-22 - 140°F) / 10 - 90% RH (without condensation)

PHYSICAL CHARACTERISTICS	
Dimensions	159mm L x 119mm W x 79mm H (6.26" L x 4.69" W x 3.11" H)
Weight	694g (1.53 lbs) (including battery, excluding media) Battery Weight of 110g (0.24 lbs)
Construction	Polycarbonate Body and Rubber Overmolding
Durability	Withstands Multiple 2.1m (6.9') Drop Impacts Water and Dust-proof IP54 (printer only)

OPTIONS	
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

For more information, please contact
your local SATO office, or visit:

satoeurope.com

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