

The power is in your hand.



PV3

A powerful and robust
mobile printer



satoeurope.com

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

Version: January 2020. Specification subject to change without notice.

