

## PV4

A compact and powerful mobile printer

## **PV4 Technical Specification**

Series name   PV-series   PV-series	PRODUCT SPECIFICATION		PV4		
Print Resolution   Direct Thermal   Media setting position	Series name		PV-series		
Media string position	PRINTING SPECIFICA	TIONS			
Media setting position  Frinter Type  Standard Continuous, Tea-roff, Dispenser Optional: Linerless Options: Linerless  Print Type  Printer mode Temperature  Ambient temperature and battery status may reduce the speed.  Print darkness  Print darkness  Print darkness  Printable area  External dimensions: Height with cover open Wiss mm x D 186 mm x H 82 mm (excluding protrusion)  Height with cover open Wiss mm x D 186 mm x H 92 mm (excluding protrusion)  Package dimensions Package weight  1,76 kg  Smort Battery (spams) Singel battery cradle Chade state of Standard accessories  Accessories  Bet strap  Accessories Bet strap  Accessories  Bet strap  Cuick guide Standard accessories  Accessories  Accessories  Accessories  Windows DriverEuro Plus/Seaguil Linux CUPS Driver, Mac CUPS Driver OPOS Driver OPOS Driver CPOS Driver CPOS Driver CPOS Driver CPOS Driver CPOS Driver CPOS ONA  ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK Battery specification  RAM  Charging method  Charging method  Charging Timethod  Acceptage Timer Plus/Seaguil Linux CUPS Driver CPOS Driver Color CPU ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK Charging method  Charging method  Charging Timethod  Charging Timethod  Charging Timethod  Charging Timethou Charging, Single battery cradle Charging Timethod  Charging Timethod  Charging Timethou Charging Timethou Charging, Single battery cradle Charging Timethou Charging Timethou Charging Timethou Charging Timethou C	Print Resolution		203dpi		
Printer Type Printer Type Print speed Print speed Print speed Print speed Print speed Print darkness  External dimensions:  Maximum Length 400 mm x Wirdth 104 mm  Maximum	Method		Direct Thermal		
Print speed   Printer mode   Up to 12/mm/sec (5 inches/sec)   Temperature   Ambient temperature and battery status may reduce the speed.   Print darkness   Darkness level: 0 to 30   Default: 10   Printable area   Maximum Length 400 mm x Width 104 mm	Media setting position		Center alignment		
Print speed  Temperature  Ambient temperature and battery status may reduce the speed.  Print darkness  Darkness level: 0 to 30 Default: 0 Printable area  Maximum Length 400 mm x Width 104 mm  Wish mm x D 186 mm x H 82 mm (excluding protrusion)  Height with cover open  W 158 mm x D 186 mm x H 82 mm (excluding protrusion)  Weight  Package dimensions  W 297 mm x L 228 mm x H 91 mm  Package weight  1,74 kg  Smart Battery (spare) Single battery cradle Quad battery cradle Quad battery cradle Shoulder strap  Battery  Standard accessories  Accessories  Belt strap  Quick guide  Standard accessories  Accessories  Belt strap  Quick guide  Standard accessories  Accessories  Guide disks  Paper support disk: Standard 19 mm (0,75°). Optional 12mm (0,47°) included  Windows Driver(Euro Plus/Seagul) Linux CUPS Driver, Mac CUPS Driver  OPOS Driver  Tools  Utility Program(Unified Label Utility, Nat Configuration Tool) Label Arits Mobile(IOS, Android), Bartender UL  SDK  IOS SDK, Android SDK, Windows SDK(Windows XP - Windows 10), mPrint server administration tool.  MEMORY & PROCESSING  CPU  CPU1  ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK  Plash 256 MB  RAM  SDRAM 128 MB  CPERATING CHARACTERISTICS  Smart lithium ion battery  Voltager/ZV Capacity: 6700mAh 48wh  AC adapter(Printer Charging), Single battery cradle, Quad battery cradle Charging Time: About 6 Hours (Adapter, Cigarette Lighter Adapter),	Printer Type		Standard:Continuous, Tear-off, Dispenser Optonal: Linerless Options: Linerless		
Temperature   Ambient temperature and battery status may reduce the speed.	Print speed	Printer mode	Up to 127mm/sec (5 inches/sec)		
Default: 10		Temperature	Ambient temperature and battery status may reduce the speed.		
External dimensions: W 158 mm x D 186 mm x H 82 mm (excluding protrusion)  Height with cover open W 158 mm x D 225 mm x H 127.3 mm (excluding protrusion)  Weight 1,090g (including battery, excluding media)  Package dimensions W 297 mm x L 228 mm x H 91 mm  Package weight 1.74 kg  Smart Battery (spare) Single battery cradle Quad battery cradle Quad battery cradle Shoulder strap  Battery Standard accessories  AC Adapter Standard accessories  Power Cord Standard accessories  Accessories Belt strap Standard accessories  Quick guide Standard accessories  Quick guide Standard accessories  Guide disks Paper support disk: Standard 19 mm (0,75"). Optional 12mm (0,47") included  Windows Driver[turo Plus/Seagul] Linux CUPS Driver, Mac CUPS Driver OPOS Driver  Tools Utility Program(Unified Label Utility, Net Configuration Tool) Label Artist Mobile(IOS, Android), Bartender UL  SDK  MEMORY & PROCESSING  CPU CPU1 ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK  Hash 256 MB  RAM SDRAM 128 MB  OPERATING CHARACTERISTICS  Smart lithium ion battery Voltage7.2V Capacity: 6700mAh 48wh  AC adapter(Printer About H brus Kodapter, Cigarette Lighter Adapter),	Print darkness				
Height with cover open   W 158 mm x D 225 mm x H 127.3 mm (excluding protrusion)	Printable area		Maximum Length 400 mm x Width 104 mm		
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Package dimensions W297 mm x L 228 mm x H 91 mm Package weight 1.74 kg  Smart Battery (spare) Single battery cradle Quad battery cradle Quad battery cradle Shoulder strap  AC Adapter Standard accessories AC Essories Belt strap Standard accessories Quick guide Standard accessories Quick guide Standard accessories Installation CD Standard accessories Guide disks Paper support disk: Standard 19 mm (0,75°). Optional 12mm (0,47°) included  Windows Driver(Euro Plus/Seagul) Printer driver Windows Driver(Euro Plus/Seagul) Linux CUPS Driver OPOS Driver  Tools Utility Program(Unified Label Utility, Net Configuration Tool) Label Artist Mobile(OS, Android), Bartender UL Libux CUPS Driver  MEMORY & PROCESSING  CPU CPU1 ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK Onboard memory ROM Flash RAM SDRAM 128 MB  OPERATING CHARACTERISTICS  Smart lithium ion battery Voltage 7.2V Capacity: 6700mAh 48wh AC adapter(Printer Charging), Single battery cradle, Quad battery cradle Charging method Charging Time: About 6 Hours (Adapter, Cigarette Lighter Adapter),		Height with cover open	W 158 mm x D 225 mm x H 127.3 mm (excluding protrusion)		
Package weight 1.74 kg  Smart Battery (spare) Single battery cradle Quad battery cradle Shoulder strap  AC Adapter Standard accessories  AC Adapter Power Cord Standard accessories  Belt strap Standard accessories Quick guide Installation CD Standard accessories Quick guide Installation CD Standard accessories Quide disks Paper support disk: Standard 19 mm (0,75"). Optional 12mm (0,47") included  Windows Driver(Euro Plus/Seagul) Linux CUPS Driver Tools Utility Program(Unified Label Utility, Net Configuration Tool) Label Artist Mobile(OS, Android), Bartender UL  SDK  IOS SDK, Android SDK, Windows SDK(Windows XP - Windows 10), mPrint server administration tool.  MEMORY & PROCESSING  CPU CPU1 ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK Plash 256 MB RAM SDRAM 128 MB  OPERATING CHARACTERISTICS  Smart lithium ion battery  Voltage 7.2V Capacity : 6700mAh 48wh  AC adapter/Printer Charging), Single battery cradle, Quad battery cradle Charging method  Charging Time: About 6 Hours (Adapter, Cigarette Lighter Adapter),	Size/Weight	Weight	1,090g (including battery, excluding media)		
Options  Smart Battery (spare) Single battery cradle Quad battery cradle Shoulder strap  AC Adapter Standard accessories AC Adapter Power Cord Standard accessories  Accessories Belt strap Standard accessories Quick guide Standard accessories Quick guide Standard accessories Guide disks Paper support disk: Standard 19 mm (0,75"). Optional 12mm (0,47") included  Printer driver  Windows Driver(Euro Plus/Seagul) Linux CUPS Driver, Mac CUPS Driver OPOS Driver OPOS Driver  OPOS Driver  Tools Utility Program(Unified Label Utility, Net Configuration Tool) Label Artist Mobile(OS, Android), Bartender UL  IOS SDK, Android SDK, Windows SDK(Windows XP - Windows 10), mPrint server administration tool.  MEMORY & PROCESSING  CPU CPU1 ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK Plash RAM SDRAM 128 MB  OPERATING CHARACTERISTICS  Smart lithium ion battery Voltage7.2V Capacity: 6700mAh 48wh  AC adapter(Printer Charging), Single battery cradle, Quad battery cradle Charging method Charging Time: About 6 Hours (Adapter, Cigarette Lighter Adapter),		Package dimensions	W 297 mm x L 228 mm x H 91 mm		
Options    Single battery cradle Could battery cradle Shoulder strap		Package weight	1.74 kg		
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Accessories    Power Cord   Standard accessories		Battery	Standard accessories		
Accessories Belt strap Quick guide Installation CD Standard accessories  Guide disks Paper support disk: Standard 19 mm (0,75"). Optional 12mm (0,47") included  Windows Driver(Euro Plus/Seagul) Linux CUPS Driver, Mac CUPS Driver OPOS Driver  Tools Utility Program(Unified Label Utility, Net Configuration Tool) Label Artist Mobile(iOS, Android), Bartender UL  SDK iOS SDK, Android SDK, Windows SDK(Windows XP - Windows 10), mPrint server administration tool.  MEMORY & PROCESSING  CPU CPU1 ARM 926 core CPU 400 MHz, Linux SDK Windows Mobile CE SDK Xamarin SDK Onboard memory ROM Flash 256 MB RAM SDRAM 128 MB  OPERATING CHARACTERISTICS  Smart lithium ion battery Voltage7.2V Capacity: 6700mAh 48wh AC adapter(Printer Charging), Single battery cradle, Quad battery cradle Charging method Charging Time: About 6 Hours (Adapter, Cigarette Lighter Adapter),		AC Adapter	Standard accessories		
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Charging method Charging Time: About 6 Hours (Adapter, Cigarette Lighter Adapter),	buttery specifications		Voltage7.2V Capacity: 6700mAh 48wh		
Charging Time. About 6 Hours (Adapter),			AC adapter(Printer Charging), Single battery cradle, Quad battery cradle		
		Charging method	Charging Time: About 6 Hours (Adapter, Cigarette Lighter Adapter), About 10 Hours (Single/Quad battery cradle)		

CONNECTIVITY					
Interface	USB		USB 2.0 FS type C connector		
	Serial		RS-232 Standard mini 14pin connector		
	Wireless LAN		802.11a/b/g/n (infrastructure, Ad-hoc, Wi-Fi Direct, SoftAP) TCP/IP, HTTP, DHCPv4 Security: WEP, WPA, WPA2		
			Encryption scheme: None, WEP (64 bits/128 bits), AES/TKIP(WPA+WPA2 mix mode-PSK, WPA2-PSK)		
		Channels	1 to 13 (2.4GHz) /36 to 64,100 to 140,149 to 165(5GHz) *Available channel varies with the country setting.		
			Ver.5.0 Classic + LE		
	Bluetooth		Profile: SPP,iAP2		
			Easy Bluetooth Paring™ via NFC		
OPERABILITY AND SE	RVICEABILITY				
LCD specifications	LCD specifications		TFT-LCD 2 inches (240 * 320, 262K Color)		
Operability	Button operation		5 button: Power, Feed, Move Menu, Menu Select.		
	Sensors		Black Mark Sensor (I-Mark), Gap sensor, Paper cover sensor, Label presence.		
	Brightness adjus	stment	6 Step (might be changed later)		
LED specifications			Red LED On : Charging		
			Green LED On : Fully Charged Red LED Blinking : Error Replace or Reinstall Battery		
MEDIA SPECIFICATIONS					
	Media thickness (Label + liner)		0.07 to 0.15 mm		
	Continuous	Length	6 to 400 mm (0.236" to 15.748")		
		Width	50 to 112 mm (1,97" to 4,41")		
	Tear-off	Length	6 to 400 mm (0.236" to 15.748")		
		Width	50 to 112 mm (1,97" to 4,41")		
	Dispenser	Length	6 to 400 mm (0.236" to 15.748")		
Media		Width	50 to 112 mm (1,97" to 4,41")		
Media			Roll media (face-out wound)		
	Media type/Media shap	dia shape	Fan-fold media		
			Receipt, Linered, Continuous, Tag		
	Black-Mark		Optical density 0.84 ~ 1.34		
			Roll media diameter		
	Roll diameter/Core size		Maximum 66 mm		
			Inner core 19 mm or 12mm		
FONT SPECIFICATIONS					
	Bitmap font		10 SLCS Resident Fonts, 16 BPL-Z™ Resident Fonts, 7 BPL-Z™ Resident Fonts		
Built-in print fonts	Scalable font		One SLCS Resident Font, One BPL-Z™ Resident Font		
	Code page supp	oort	23 Code Page, Unicode supported (UTF-8,UTF-16LE, UTF-16BE)		
STANDARDS AND REGULATIONS					
Standards and regulations	Noise (EMC) reg	gulations	CFCC, CE, SAR		
	Safety regulatio	n	UL, CB		
	RoHS-2		Complies to the RoHS-2 directive restriction to use hazardous materials.		
- 3	WEEE		Compliance		
	Drip/Dust-proof		IP54		

