

# Peripheral







Model	PA-V560	MP-4815	MP-4815	MP-4815	MP-4003	
Application	Stand	Customer Display	Stand-alone Display	Wall-mounted Display	VFD Customer Display	
QR Code						
Pictures						
D I S P L A Y	Size	—	15"	15"	15"	20 columns x 2 lines
	Resolution	—	1024 x 768 pixels	1024 x 768 pixels	1024 x 768 pixels	20 columns x 2 lines by 5 x 7 font
	Brightness	—	300 nits	300 nits	300 nits	—
	Lifetime	—	50,000 hours	50,000 hours	50,000 hours	—
	Viewing Angle	—	Horizontal: 88°, Vertical: 88°	Horizontal: 88°, Vertical: 88°	Horizontal: 88°, Vertical: 88°	Horizontal: 125°, Vertical: 45°
	Touch	—	Resistive touch & P-CAP touch	Resistive touch & P-CAP touch	Resistive touch & P-CAP touch	—
OSD	—	Power button x1, Auto x 1, Menu+ x 1, Menu- x 1	Power button x1, Auto x 1, Menu+ x 1, Menu- x 1	Power button x1, Auto x 1, Menu+ x 1, Menu- x 1	—	
I / O P O R T S	VGA	—	1	1	1	—
	DVI	—	DVI-H cable (support DVI-D signal only)	DVI-H cable (support DVI-D signal only)	DVI-H cable (support DVI-D signal only)	—
	USB	—	Type B x 1	Type B x 1	Type B x 1	—
	COM	—	—	—	—	RS232 with cable x 1
	HDMI	—	—	—	—	—
	LAN	—	—	—	—	—
	Cash Drawer	—	—	—	—	—
	Line In	—	—	—	1	—
	Line Out	—	—	—	—	—
DC In Jack	—	DC12V x 1	DC12V x 1	DC12V x 1	DC12V with cable x1	
O P T I O N A L D E V I C E	Barcode Scanner	1	1	1	1	—
	Camera	—	Front 5M pixels x 1	Front 5M pixels x 1	Front 5M pixels x 1	—
	MSR	—	1	1	1	—
	RFID	1	1	1	1	—
	Fingerprint	—	1	1	1	—
	Smart Card	—	—	—	—	—
	NFC	—	—	—	—	—
Speaker	—	—	—	2W x 2	—	
2nd Display Hinge Module	Support 8", 10", 15" 2nd display	Different 2nd display hinge module for POS (PA-6322, PA-6722, PA-6980, PA-6225, PA-5822 & PA-5880)	—	—	—	
Stand-alone Stand	Yes	—	Yes	—	—	
Wall-mounted Kit	—	—	—	Yes	—	
Language	—	English, French, Deutsch, Italiano, Spanish, Japanese, Chinese (Traditional)...etc.	English, French, Deutsch, Italiano, Spanish, Japanese, Chinese (Traditional)...etc.	English, French, Deutsch, Italiano, Spanish, Japanese, Chinese (Traditional)...etc.	US English, French, German, Swedish, Danish, Spanish, Norwegian, Russian, Japanese (Katakana)... etc.	
OPOS Driver	—	—	—	—	Yes	
IP Rating	—	IP54 (front panel)	IP54 (front panel)	IP54 (front panel)	—	
Power Adaptor	—	12V/3.3A/40W	12V/3.3A/40W	12V/3.3A/40W	12V/1A/12W	
Dimensions (W x H x D) mm	Stand only: 200 x 351.7 x 241	Panel only: 367 x 37.8 x 299.3	Panel only: 367 x 37.8 x 299.3	Panel only: 367 x 37.8 x 299.3	Panel only: 217.3 x 63.4 x 44.6	
Operation Temp.	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C	-40°C~80°C	
Certifications	—	CE, FCC	CE, FCC	CE, FCC	CE	

\*All information contained in this document is subject to change without prior notice. Please log on [www.protech.com.tw](http://www.protech.com.tw) to acquire latest information.

# Peripheral



Model	MP-1150	MP-1060
Application	Mobile Thermal Printer	Stand-alone Thermal Printer
QR Code		
Pictures		
Paper Width	58 mm (2")	80 mm (3") or 58 mm (2")
Interface	Bluetooth (Ver. 4.0)/USB	Combo with USB/Serial
Print Speed	Up to 100 mm/sec	Up to 200 mm/sec
Cutter Type	Tear bar	Auto cut
Printing Head Endurance	50 km	100 km
Cutter Endurance	1.5 million cuts	1.5 million cuts
Buffer	4KB	4KB
SRAM	128KB	128KB
Paper Roll Diameter	Up to 38 mm	Up to 80 mm
Flash	2MB	2MB
SOFTWARE	Emulation	ESC/POS CMD compatible
	Driver	Windows10/x86 Windows8/x86 Windows7 x86/x64 WindowsXP x86 OPOS/JPOS
LANGUAGE	Character	Traditional Chinese, Simple Chinese, Japanese, Korean
	Code Page	CP-437, Katakana character set, CP-850, CP-852, CP-860, CP-863, CP-865, CP-1252
1D / 2D Barcode Support	Yes	Yes
Power Supply	12V/2A	24V/2.5A
Battery Pack	7.4V/2900mA/21.4Wh	--
ENVIRONMENT	Operating Temp.	-10°C~50°C
	Storage Temp.	-30°C~70°C
	Operating Humidity	30%~80% RH (non-condensing)
	Storage Humidity	5%~90% RH (expect for paper)
	Operating Temp.	-10°C~50°C
Weight	250 g (w/o battery & roll paper)	1.6 kg
Detect Sensor	Paper end, cover open	Paper end and near end sensor
Dimensions (W x H x D)	142 x 127 x 154 mm	140 x 146 x 123 mm
Certifications	CE, FCC	CE, FCC

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