

MH241 and MH261 Series | Data Sheet

PREMIUM			
Model	MH241P	MH341P	MH641P
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	24 dots/mm (600 DPI)
Printing method	Thermal Transfer and Direct Thermal		
Max. print speed	356 mm (14")/second	305 mm (12")/second	152 mm (6")/second
Max. print width	104 mm (4.09")		
Max. print length	25,400 mm (1000")	11,430 mm (450")	2540 mm (100")
Enclosure	Die-cast print mechanism and base with bi-fold metal cover with large clear media view window		
Physical dimension	276 mm (W) x 412 mm (H) x 502 mm (D) 10.87" (W) x 16.22" (H) x 19.76" (D)		
Weight	18.93kg (41.73 lbs)		
Label roll capacity	203.2 mm (8") O.D.		
Internal rewinder (full roll)	Standard (8" O.D.)		
Ribbon	600 m long, max. O.D. 90 mm, 1" core (ink coated outside or inside)		
Ribbon width	25.4 mm ~ 114.3 mm (1" ~ 4.5")		
Processor	32-bit RISC CPU		
Memory	• 512MB Flash memory • 256MB SDRAM • microSD Flash memory card reader for Flash memory expansion, up to 32 GB		
Interface	• RS-232 • USB 2.0 (High speed mode) • Internal Ethernet, 10/100 Mbps • USB host *2 (Front side), for scanner or PC keyboard • GPIO (DB15F) + Centronics (factory option) • Internal Bluetooth 5.0 MFi (factory option) • Slot-in 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module (dealer option)		
Power	Internal switching power supply • Input: AC 100-240V, 4-2A, 50-60Hz • Output: DC 5V, 5A; DC 24V, 7A; DC 36V, 1.4A; Total 243W		
LCD display/ Operation buttons	• Multi-language selectable • 6 operation buttons • 1 LED (with 2 LEDs Green & Red)		
LCD	4.3" color display, 480 x 272 pixel; Resistive touch screen		
Sensors	• Gap transmissive sensor (position adjustable) • Black mark reflective sensor (Bottom or Top black mark sensor switchable and position adjustable) • Head open sensor • Ribbon encoder sensor • Ribbon end sensor • Media near end sensor		
Real time clock	Standard		
Internal font	• 8 alpha-numeric bitmap fonts • Monotype Image® true type font engine with CG Triumvirate Bold Condensed scalable font		
Barcode	1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11, China Post 2D barcode PDF-417, Maxicode, DataMatrix, QR code, Aztec		
Font & barcode rotation	0, 90, 180, 270 degree		
Printer language	TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)		
Media type	Continuous, die-cut, black mark (Bottom side or top side black mark), fan-fold, notch, perforated, tag, care label (outside wound)		
Media width	20 ~ 114 mm (0.79" ~ 4.5")		
Media thickness	0.06 ~ 0.28 mm (2.36 ~ 11 mil)		
Media core diameter	3.81 mm / 76.2 mm (1.5" / 3")		
Label length	5 ~ 2,540 mm (0.20" ~ 100")		
Environment condition	• Operation: 0 ~ 40°C (32 ~ 104°F), 25~ 85% non-condensing • Storage: -40 ~ 60 °C (-40 ~ 140°F), 10~ 90% non-condensing		
Safety regulation	FCC Class A, CE Class A, RCM Class A, UL, cUL, TÜV, CCC, KC, BIS, BSMI, EAC, Argentina S mark, Mexico CoC, ENERGY STAR®		
Environmental concern	Comply with RoHS, WEEE		
Accessories	• Windows labeling software CD disk • Quick start guide • USB port cable • Power cord		
RTC & Buzzer	Standard		
Limited warranty	• Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first		
Factory option	• GPIO (DB15F) + Parallel interface • Internal Bluetooth 5.0 MFi*		
Dealer option	• 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module (including slot-in housing)*		
User option	• KP-200 Plus keyboard display unit		

* Availability may vary by region.

