MH261T and MH361T Series
Industrial Barcode Printer
A Feature-Rich MH Family Beyond Your Expectations

The MH261T/MH361T Series is TSC's mainstream industrial barcode label printer built upon the legacy of the MH240 Series. It brings new features to those looking for solutions to address evolving business challenges from growing production line demands to increasing operational complexities.

The MH261T/MH361T Series is equipped with sophisticated TSC Sense Care supported by SOTI Connect and TSC Console remote printer management to monitor printer status and give warning messages to ensure maximum productivity and avoid downtime.

Capable of seamless connectivity, the MH261T/MH361T Series is supported by both Apple-certified MFi Bluetooth 5.0 or 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module that turns the barcode label printer into a connected network.

Key Features

Sophisticated TSC Sense Care
- Self-diagnostic TPH Care mechanism
- Near real-time information and updates for preventative actions
- Selectable media sensor settings

Dynamic Remote Printer Management
- Supports SOTI Connect through either Ethernet or Wi-Fi
- Powerful TSC Console for printer management

Multi-Connectivity
- GPIO: Supports common applicators and emulations
- Wi-Fi: Supports 802.11 a/b/g/n/ac and Bluetooth 4.2 combo module

Highly Adaptable
- Precise peel-off capability with 0.5" minimum label length (MH241 Series).
- Supports media width up to 6.8" (MH261 Series)
- Full mechanism for fine adjustment

Brilliant User Experience
- Media near end sensor detection
- Easy printhead and platen roller replacement

Applications

Manufacturing
- Industrial Printing
- Shipping/Receiving Labeling
- Warning/Caution Signage

Transportation and Logistics
- Pallet Labeling
- Distribution

Healthcare
- Pharmaceutical Labeling
- Asset Tracking

MH241 and MH261 Series | Data Sheet

Model	MH261T	MH361T
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Thermal Transfer and Direct Thermal	
Max. print speed	305 mm (12")/second	254 mm (10")/second
Max. print width	168 mm (6.61")	
Max. print length	14,732 mm (580")	6,604 mm (260")
Enclosure	Die-cast print mechanism with large clear media view window	
Physical dimension	357 mm (W) x 313 mm (H) x 514 mm (D) 14.05" (W) x 12.32 (H) x 20.24" (D)	
Weight	17.8 kg (39.24 lbs)	
Label roll capacity	208.3 mm (8.2") O.D.	
Internal rewinder (full roll)	Internal rewinder kit (5" O.D.) (dealer option)	
Ribbon	450 m long, max. O.D. 81 mm, 1" core (Ink coated outside or inside)	
Ribbon width	50.8 mm ~ 178 mm (2" ~ 7")	
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 • Parallel • USB 2.0 (High speed mode) • Internal Ethernet, 10/100 Mbps • USB host *2 (Front side), for scanner or PC keyboard • GPIO (DB15F) (dealer option) • Slot-in 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module (dealer option)	
Power	Auto sensing 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 black mark sensor, Position adjustable) • Head open sensor • Ribbon encoder sensor • Ribbon 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 black mark only), fan-fold, notch (outside wound)	
Media width	50.8 ~ 172.7 mm (2"~ 6.8")	
Media thickness	0.06 ~ 0.268 mm (2.36~ 11.02 mil)	
Media core diameter	3.81 mm / 76.2 mm (1.5"/ 3")	
Label length	10 ~14,732 mm (0.39"~ 580")	10 ~ 6,604 mm (0.39"~ 260")
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	
Limited warranty	1 year warranty on Printer and *6 months conditional warranty on print head.	
Dealer option	• GPIO (DB15F) • Heavy duty cutter • 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module (including slot-in housing) * • Peel-off kit • Internal rewinder kit (5" O.D.)	
User option	• KP-200 Plus keyboard display unit	

* Availability may vary by region.
  Product models and specifications are subject to change without notice.

TSC Printronix Auto ID Training Academy

Service and Maintenance