

MH241 and MH261 Series

Industrial Barcode Printer

A Feature-Rich MH Family Beyond Your Expectations

The MH241/MH261 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 MH241/MH261 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 MH241/MH261 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



MH241T Series Specifications

ADVANCED			
Model	MH241T	MH341T	MH641T
Resolution	8 dots/mm (203dpi)	12 dots/mm (300dpi)	24 dots/mm (600dpi)
Printing Method	Thermal Transfer and Direct Thermal		
Max. Print Speed	356mm (14")/second	305mm (12")/second	152mm (6")/second
Max. Print Width	104mm (4.09")		
Max. Print Length	25,400mm (1000")	11,430mm (450")	2540mm (100")
Enclosure	Die-cast print mechanism and base with bi-fold metal cover with large clear media view window		
Physical Dimension	276mm (W) x 326mm (H) x 502mm (D) 10.87" (W) x 12.83" (H) x 19.76" (D)		
Weight	15.70kg (34.61lbs)		
Label Roll Capacity	203.2mm (8") O.D.		
Internal Rewinder (Full Roll)	Internal rewinding kit (5" O.D.) (dealer option)		
Ribbon	600m long, max. O.D. 90mm, 1" core (ink coated outside or inside)		
Ribbon Width	25.4mm - 114.3mm (1" - 4.5")		
Processor	32-bit RISC CPU		
Memory	512MB Flash memory 256MB SDRAM		
Interface	- RS-232 - USB 2.0 (High speed mode) - Internal Ethernet, 10/100 Mbps - USB host *2 (Front side), for scanner or PC keyboard		
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)		
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	20mm - 114mm (0.79" - 4.5")		
Media Thickness	0.06mm - 0.28mm (2.36mil - 11mil)		
Media Core Diameter	38.1mm / 76.2mm (1.5" / 3")		
Label Length	5mm - 25,400mm (0.2" - 1,000")	5mm - 11,430mm (0.2" - 450")	5mm - 2,540mm (0.2" - 100")
Environment Condition	- Operation: 0°C - 40°C (32°F - 104°F), 25% - 85% non-condensing - Storage: -40°C - 60°C (-40°F - 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		
RTC & Buzzer	Standard		
Limited Warranty	- Printer: 2 years - Print head: 25km (1 million inches) or 12 months which comes first - Platen: 50km (2 million inches) or 12 months which comes first		
Factory Option	- GPIO (DB15F) + Parallel interface - Internal Bluetooth 5.0 MFi*		
Dealer Option	- Regular cutter (full cut guillotine cutter) - Heavy-duty cutter (full cut guillotine cutter) - Care label cutter 1" I.D. core media spindle		
User Option	- Basic cutter tray - Advanced cutter tray - Universal cutter tray		

* Availability may vary by region.



TSC

CORPORATE HEADQUARTERS
TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: apac_sales@tscprinters.com

LI ZE PLANT
TSC Auto ID Technology Co., Ltd.
Tel: +886 3 990 6677
E-mail: apac_sales@tscprinters.com

AMERICAS
TSC Auto ID Technology America Inc.
Tel: +1 657 258 0808
E-mail: americas_sales@tscprinters.com

MEXICO
TSC Mexico Representative Office
Tel: +1 52 (33) 3673 1406
E-mail: americas_sales@tscprinters.com

BRAZIL
TSC Brazil Representative Office
Tel: +55 (11) 3554 7225
E-mail: americas_sales@tscprinters.com

EMEA
TSC Auto ID Technology EMEA GmbH
Tel: +49 (0) 8106 37979 000
E-mail: emea_sales@tscprinters.com

RUSSIA
TSC Auto ID Technology EMEA GmbH
Tel: +7 495 646 3538
E-mail: emea_sales@tscprinters.com

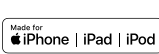
MIDDLE EAST
TSC Auto ID Technology ME Ltd, FZE
Tel: +971 4 2533 069
E-mail: emea_sales@tscprinters.com

ASIA PACIFIC
TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: apac_sales@tscprinters.com

INDIA
TSC India Representative Office
Tel: +91 2249 679 315
E-mail: apac_sales@tscprinters.com

CHINA
Tianjin TSC Auto ID Technology Co., Ltd.
Tel: +86 22 5981 6661
E-mail: apac_sales@tscprinters.com

KOREA
TSC Korea Representative Office
Tel: +82 2 852 3322
E-mail: apac_sales@tscprinters.com



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