



# TH Series 2-Inch Specifications

Model	TH220T	TH320T
Resolution	8 dots / mm (203 DPI)	12 dots / mm (300 DPI)
Printing Method	Thermal Transfer & Direct Thermal	
Max. Print Speed	203mm(8") / second	152mm(6") / second
Max. Print Width	54mm(2.13")	56.9mm(2.24")
Max. Print Length	25,400mm(1,000")	11,430mm(450")
Enclosure	Clamshell with double-walled plastic	
Physical Dimension	146mm(W) x 179mm(H) x 231mm(D) 5.75"(W) x 7.05"(H) x 9.09"(D)	
Weight	1.8kg(3.97 lbs)	
Label Roll Capacity	127mm(5") OD	
Ribbon	90m long, max. OD 37mm, 0.5" core (ink coated outside)	
Ribbon Width	56mm - 58mm (2.20" - 2.28")	
Processor	32-bit RISC CPU	
Memory	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>128 MB SDRAM</li> <li>microSD card reader for Flash memory expansion, max. 512 GB, FAT32 and exFAT only</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>USB 2.0</li> <li>RS-232</li> <li>USB Host</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module (dealer option)</li> <li>Bluetooth 5.0 (dealer option)</li> <li>MFi Bluetooth 5.0 (factory option)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>External universal switching power supply</li> <li>Input: AC 100-240V, 1.5A, 50-60Hz</li> <li>Output: DC 24V, 2.5A, 60W</li> </ul>	
Operation Switch, Button, LED/LCD	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed button</li> <li>1 pause button</li> </ul>	<ul style="list-style-type: none"> <li>1 reprint button</li> <li>3.5" color touch display, 480 x 320 pixel</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> </ul>	<ul style="list-style-type: none"> <li>Ribbon end sensor</li> <li>Head open sensor</li> </ul>
Real Time Clock	Standard	
Internal Font	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>ARIALUNI.TTF Unicode true type font</li> </ul>	
Barcode	<ul style="list-style-type: none"> <li>1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPEN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</li> </ul>	
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, fan-fold, notch (outside wound)	
Media Width	15mm - 60mm (0.59" - 2.36")	
Media Thickness	0.06mm - 0.19mm (2.36mil - 7.48mil)	
Media Core Diameter	25.4mm - 38.1mm (1" - 1.5")	
Label Length	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>Operation: 0°C to 40°C (32°F to 104°F), 25% - 85% non-condensing</li> <li>Storage: -40°C to 60°C (-40°F to 140°F), 10% - 90% non-condensing</li> </ul>	
Safety Regulation	CB, FCC Class B, IC, cTUVus, NOM, CE Class B, UKCA, EAC, CCC, RCM, BSMI, Energy Star 3.0	
Environmental Concern	Comply with RoHS, REACH, WEEE, China RoHS	
Accessories	<ul style="list-style-type: none"> <li>Quick start guide</li> <li>USB cable</li> <li>Power cord</li> </ul>	<ul style="list-style-type: none"> <li>External universal switching power supply</li> <li>0.5" ribbon paper core</li> </ul>
Limited Warranty	<ul style="list-style-type: none"> <li>Printer: 2 years</li> <li>Printhead: 25km (1 million inches) or 12 months which comes first</li> <li>Platen: 50km (2 million inches) or 12 months which comes first</li> </ul>	
Factory Option	<ul style="list-style-type: none"> <li>MFi Bluetooth 5.0</li> </ul>	
Dealer Option	<ul style="list-style-type: none"> <li>Peel-off module</li> <li>Guillotine cutter (full cut and partial cut)</li> <li>Care label cutter (full cut)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module</li> <li>Bluetooth 5.0 module</li> </ul>	
User Option	<ul style="list-style-type: none"> <li>External label roll mount</li> <li>KP-200 Plus keyboard display unit</li> <li>10mm narrow media adaptor</li> </ul>	



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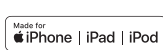
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20231006



# TH Series 2-Inch for Healthcare Specifications

Model	TH220THC	TH320THC
Resolution	8 dots / mm (203 DPI)	12 dots / mm (300 DPI)
Printing Method	Thermal Transfer & Direct Thermal	
Max. Print Speed	203mm(8") / second	152mm(6") / second
Max. Print Width	54mm(2.13")	56.9mm(2.24")
Max. Print Length	25,400mm(1,000")	11,430mm(450")
Enclosure	<ul style="list-style-type: none"> <li>Clamshell with double-walled plastic</li> <li>Disinfectant-ready plastic, designed with an easy-to-clean surface and a sealed button interface</li> <li>Antibacterial enclosure</li> </ul>	
Physical Dimension	146mm(W)x 179mm(H)x 231mm(D) 5.75"(W)x 7.05"(H)x 9.09"(D)	
Weight	1.8kg(3.97 lbs)	
Label Roll Capacity	127mm(5") OD	
Ribbon	90m long, max. OD 37mm, 0.5" core (ink coated outside)	
Ribbon Width	56mm - 58mm(2.20" - 2.28")	
Processor	32-bit RISC CPU	
Memory	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>128 MB SDRAM</li> <li>microSD card reader for Flash memory expansion, max. 512 GB, FAT32 and exFAT only</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>USB 2.0</li> <li>RS-232</li> <li>USB Host</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module (dealer option)</li> <li>Bluetooth 5.0 (dealer option)</li> <li>MFI Bluetooth 5.0 (factory option)</li> </ul>	
Power	External universal switching power supply <ul style="list-style-type: none"> <li>IEC 60601-1 certified power supply</li> <li>Input: AC 100-240V, 2.0A, 50-60Hz</li> <li>Output: DC 24V, 2.5A, 60W</li> </ul>	
Operation Switch, Button, LED/LCD	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed button</li> <li>1 pause button</li> <li>1 reprint button</li> <li>3.5" color touch display, 480 x 320 pixel</li> </ul>	
Sensors	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> <li>Ribbon end sensor</li> <li>Head open sensor</li> </ul>	
Real Time Clock	Standard	
Internal Font	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>ARIALUNI.TTF Unicode true type font</li> </ul>	
Barcode	<ul style="list-style-type: none"> <li>1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</li> </ul>	
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, fan-fold, notch (outside wound)	
Media Width	15mm - 60mm (0.59" - 2.36")	
Media Thickness	0.06mm - 0.19mm (2.36mil - 7.48mil)	
Media Core Diameter	25.4mm - 38.1mm (1" - 1.5")	
Label Length	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>Operation: 0°C to 40°C (32°F to 104°F), 25% - 85% non-condensing</li> <li>Storage: -40°C to 60°C (-40°F to 140°F), 10% - 90% non-condensing</li> </ul>	
Safety Regulation	CB, FCC Class B, IC, cTÜVus, CE Class B, UKCA, EAC, CCC, BIS, RCM, Energy Star 3.0	
Environmental Concern	Comply with RoHS, REACH, WEEE, China RoHS	
Accessories	<ul style="list-style-type: none"> <li>Quick start guide</li> <li>USB cable</li> <li>Power cord</li> <li>External universal switching power supply</li> <li>0.5" ribbon paper core</li> </ul>	
Limited Warranty	<ul style="list-style-type: none"> <li>Printer: 2 years</li> <li>Printhead: 25km (1 million inches) or 12 months which comes first</li> <li>Platen: 50km (2 million inches) or 12 months which comes first</li> </ul>	
Factory Option	<ul style="list-style-type: none"> <li>MFi Bluetooth 5.0</li> </ul>	
Dealer Option	<ul style="list-style-type: none"> <li>Peel-off module</li> <li>Guillotine cutter (full cut and partial cut)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module</li> <li>Bluetooth 5.0 module</li> </ul>	
User Option	<ul style="list-style-type: none"> <li>External label roll mount</li> <li>KP-200 Plus keyboard display unit</li> <li>10mm narrow media adaptor</li> </ul>	



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# DH Series 2-Inch Specifications

Model	DH220	DH320	DH220T	DH320T
Resolution	8 dots / mm (203 DPI)	12 dots / mm (300 DPI)	8 dots / mm (203 DPI)	12 dots / mm (300 DPI)
Printing Method	Direct Thermal			
Max. Print Speed	203mm(8") / second	152mm(6") / second	203mm(8") / second	152mm(6") / second
Max. Print Width	54mm(2.13")	56.9mm(2.24")	54mm(2.13")	56.9mm(2.24")
Max. Print Length	25,400mm(1,000")	11,430mm(450")	25,400mm(1,000")	11,430mm(450")
Enclosure	Clamshell with double-walled plastic			
Physical Dimension	138mm(W) x 172mm(H) x 210mm(D) 5.43"(W) x 6.77"(H) x 8.27"(D)			
Weight	1.6kg(3.53 lbs)			
Label Roll Capacity	127mm(5") OD			
Processor	32-bit RISC CPU			
Memory	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>128 MB SDRAM</li> <li>microSD card reader for Flash memory expansion, max. 512 GB, FAT32 and exFAT only</li> </ul>			
Interface	<ul style="list-style-type: none"> <li>USB 2.0</li> <li>RS-232</li> <li>USB Host</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module (dealer option)</li> <li>Bluetooth 5.0 (dealer option)</li> <li>MFi Bluetooth 5.0 (factory option)</li> </ul>			
Power	External universal switching power supply <ul style="list-style-type: none"> <li>Input: AC 100-240V, 1.5A, 50-60Hz</li> <li>Output: DC 24V, 2.5A, 60W</li> </ul>			
Operation Switch, Button, LED/LCD	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed button</li> <li>1 pause button</li> <li>1 reprint button</li> <li>1 status indicator</li> <li>3 intuitive icon indicators</li> </ul>		<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed button</li> <li>1 pause button</li> <li>1 reprint button</li> <li>3.5" color touch display, 480 x 320 pixel</li> </ul>	
Sensors	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> <li>Head open sensor</li> </ul>			
Real Time Clock	Standard			
Internal Font	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>ARIALUNI.TTF Unicode true type font</li> </ul>			
Barcode	<ul style="list-style-type: none"> <li>1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</li> </ul>			
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, fan-fold, notch (outside wound), linerless media (for linerless option)			
Media Width	15 - 60mm (0.59" - 2.36")			
Media Thickness	0.06mm - 0.19mm (2.36mil - 7.48mil)			
Media Core Diameter	25.4mm - 38.1mm (1" - 1.5")			
Label Length	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>Operation: 0°C to 40°C (32°F to 104°F), 25% - 85% non-condensing</li> <li>Storage: -40°C to 60°C (-40°F to 140°F), 10% - 90% non-condensing</li> </ul>			
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Environmental Concern	Comply with RoHS, REACH, WEEE, China RoHS			
Accessories	<ul style="list-style-type: none"> <li>Quick start guide</li> <li>USB cable</li> </ul>		<ul style="list-style-type: none"> <li>Power cord</li> <li>External universal switching power supply</li> </ul>	
Limited Warranty	<ul style="list-style-type: none"> <li>Printer: 2 years</li> <li>Printhead: 25km (1 million inches) or 12 months which comes first</li> <li>Platen: 50km (2 million inches) or 12 months which comes first</li> </ul>			
Factory Option	MFi Bluetooth 5.0			
Dealer Option	<ul style="list-style-type: none"> <li>Peel-off module</li> <li>Guillotine cutter (full cut and partial cut)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module</li> </ul>		<ul style="list-style-type: none"> <li>Bluetooth 5.0 module</li> <li>Linerless with cutter (full cut)</li> <li>Linerless with tear</li> </ul>	
User Option	<ul style="list-style-type: none"> <li>External label roll mount</li> <li>KP-200 Plus keyboard display unit</li> <li>10mm narrow media adaptor</li> </ul>			



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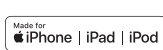
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# DH Series 2-Inch for Healthcare Specifications

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Sensors	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> <li>Head open sensor</li> </ul>	
Real Time Clock	Standard	
Internal Font	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>ARIALUNI.TTF Unicode true type font</li> </ul>	
Barcode	<ul style="list-style-type: none"> <li>1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</li> </ul>	
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, fan-fold, notch (outside wound), linerless media (for linerless option)	
Media Width	15mm - 60mm (0.59" - 2.36")	
Media Thickness	0.06mm - 0.19mm (2.36mil - 7.48mil)	
Media Core Diameter	25.4mm - 38.1mm (1" - 1.5")	
Label Length	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>Operation: 0°C to 40°C (32°F to 104°F), 25% - 85% non-condensing</li> <li>Storage: -40°C to 60°C (-40°F to 140°F), 10% - 90% non-condensing</li> </ul>	
Safety Regulation	CB, FCC Class B, IC, cTUVus, CE Class B, UKCA, EAC, CCC, RCM, Energy Star 3.0	
Environmental Concern	Comply with RoHS, REACH, WEEE, China RoHS	
Accessories	<ul style="list-style-type: none"> <li>Quick start guide</li> <li>USB cable</li> </ul>	<ul style="list-style-type: none"> <li>Power cord</li> <li>External universal switching power supply</li> </ul>
Limited Warranty	<ul style="list-style-type: none"> <li>Printer: 2 years</li> <li>Printhead: 25km (1 million inches) or 12 months which comes first</li> <li>Platen: 50km (2 million inches) or 12 months which comes first</li> </ul>	
Factory Option	MFi Bluetooth 5.0	
Dealer Option	<ul style="list-style-type: none"> <li>Peel-off module</li> <li>Guillotine cutter (full cut and partial cut)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module</li> </ul>	<ul style="list-style-type: none"> <li>Bluetooth 5.0 module</li> <li>Linerless with cutter (full cut)</li> <li>Linerless with tear</li> </ul>
User Option	<ul style="list-style-type: none"> <li>External label roll mount</li> <li>KP-200 Plus keyboard display unit</li> <li>10mm narrow media adaptor</li> </ul>	



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# TH Series 4-Inch Specifications

Model	TH240	TH340	TH240T	TH340T
Resolution	8 dots / mm(203 DPI)	12 dots / mm(300 DPI)	8 dots / mm(203 DPI)	12 dots / mm(300 DPI)
Printing Method	Thermal Transfer & Direct Thermal			
Max. Print Speed	203mm(8")/ second	152mm(6")/ second	203mm(8")/ second	152mm(6")/ second
Max. Print Width	108mm(4.25")	105.7mm(4.16")	108mm(4.25")	105.7mm(4.16")
Max. Print Length	25,400mm(1,000")	11,430mm(450")	25,400mm(1,000")	11,430mm(450")
Enclosure	Clamshell with double-walled plastic			
Physical Dimension	223mm(W)x186mm(H)x286mm(D) 8.78"(W)x7.32"(H)x11.26"(D)			
Weight	2.8kg(6.17 lbs)			
Label Roll Capacity	127mm(5")OD			
Ribbon	<ul style="list-style-type: none"> <li>• 300m long, max. OD 67mm, 1" core (ink coated outside)</li> <li>• 110m long, max. OD 40mm, 0.5" core (ink coated outside)</li> </ul>			
Ribbon Width	40mm - 110mm(1.6" - 4.3")			
Processor	32-bit RISC CPU			
Memory	<ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 128 MB SDRAM</li> <li>• microSD card reader for Flash memory expansion, max. 512 GB, FAT32 and exFAT only</li> </ul>			
Interface	<ul style="list-style-type: none"> <li>• USB 2.0</li> <li>• RS-232</li> <li>• USB Host</li> <li>• Internal Ethernet, 10/100 Mbps</li> </ul>		<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module (dealer option)</li> <li>• Bluetooth 5.0 (dealer option)</li> <li>• MFi Bluetooth 5.0 (factory option)</li> </ul>	
Power	External universal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 2.0A, 50-60Hz</li> <li>• Output: DC 24V, 3.75A, 90W</li> </ul>			
Operation Switch, Button, LED/LCD	<ul style="list-style-type: none"> <li>• 1 power switch</li> <li>• 1 feed button</li> <li>• 1 pause button</li> <li>• 1 reprint button</li> <li>• 1 status indicator</li> <li>• 4 intuitive icon indicators</li> </ul>		<ul style="list-style-type: none"> <li>• 1 power switch</li> <li>• 1 feed button</li> <li>• 1 pause button</li> <li>• 1 reprint button</li> <li>• 3.5" color touch display, 480 x 320 pixel</li> </ul>	
Sensors	<ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor (position adjustable)</li> </ul>		<ul style="list-style-type: none"> <li>• Ribbon end sensor</li> <li>• Head open sensor</li> </ul>	
Real Time Clock	Standard			
Internal Font	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>• ARIALUNI.TTF Unicode true type font</li> </ul>			
Barcode	<ul style="list-style-type: none"> <li>• 1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>• 2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</li> </ul>			
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, fan-fold, notch (outside wound)			
Media Width	15mm - 120mm (0.59" - 4.72")			
Media Thickness	0.06mm - 0.19mm (2.36mil - 7.48mil)			
Media Core Diameter	25.4mm - 38.1mm (1" - 1.5")			
Label Length	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>• Operation: 0°C to 40°C (32°F to 104°F), 25% - 85% non-condensing</li> <li>• Storage: -40°C to 60°C (-40°F to 140°F), 10% - 90% non-condensing</li> </ul>			
Safety Regulation	CB, FCC Class B, IC, cTUVus, NOM, CE Class B, UKCA, EAC, CCC, BIS, RCM, BSMI, KC, Energy Star 3.0			
Environmental Concern	Comply with RoHS, REACH, WEEE, China RoHS			
Accessories	<ul style="list-style-type: none"> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> </ul>		<ul style="list-style-type: none"> <li>• 1" ribbon spindle x 2 for 300m ribbon roll</li> <li>• 1" ribbon paper core</li> <li>• Media adaptor for 120mm wide media</li> </ul>	
Limited Warranty	<ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Printhead: 25km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50km (2 million inches) or 12 months which comes first</li> </ul>			
Factory Option	MFi Bluetooth 5.0			
Dealer Option	<ul style="list-style-type: none"> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut and partial cut)</li> <li>• Care label cutter (full cut)</li> </ul>		<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module</li> <li>• Bluetooth 5.0 module</li> </ul>	
User Option	<ul style="list-style-type: none"> <li>• External label roll mount</li> <li>• KP-200 Plus keyboard display unit</li> <li>• 10mm narrow media adaptor</li> </ul>			



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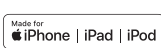
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# TH Series 4-Inch for Healthcare Specifications

Model	TH240THC	TH340THC
Resolution	8 dots / mm (203 DPI)	12 dots / mm (300 DPI)
Printing Method	Thermal Transfer & Direct Thermal	
Max. Print Speed	203mm (8") / second	152mm (6") / second
Max. Print Width	108mm (4.25")	105.7mm (4.16")
Max. Print Length	25,400mm (1,000")	11,430mm (450")
Enclosure	<ul style="list-style-type: none"> <li>Clamshell with double-walled plastic</li> <li>Disinfectant-ready plastic, designed with an easy-to-clean surface and a sealed button interface</li> <li>Antibacterial enclosure</li> </ul>	
Physical Dimension	223mm (W) x 186mm (H) x 286mm (D) 8.78" (W) x 7.32" (H) x 11.26" (D)	
Weight	2.8kg (6.17 lbs)	
Label Roll Capacity	127mm (5") OD	
Ribbon	<ul style="list-style-type: none"> <li>300m long, max. OD 67mm, 1" core (ink coated outside)</li> <li>110m long, max. OD 40mm, 0.5" core (ink coated outside)</li> </ul>	
Ribbon Width	40mm - 110mm (1.6" - 4.3")	
Processor	32-bit RISC CPU	
Memory	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>128 MB SDRAM</li> <li>microSD card reader for Flash memory expansion, max. 512 GB, FAT32 and exFAT only</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>USB 2.0</li> <li>RS-232</li> <li>USB Host</li> <li>Internal Ethernet, 10/100 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module (dealer option)</li> <li>Bluetooth 5.0 (dealer option)</li> <li>MFi Bluetooth 5.0 (factory option)</li> </ul>
Power	External universal switching power supply <ul style="list-style-type: none"> <li>IEC 60601-1 certified power supply</li> <li>Input: AC 100-240V, 2.0A, 50-60Hz</li> <li>Output: DC 24V, 3.75A, 90W</li> </ul>	
Operation Switch, Button, LED/LCD	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed button</li> <li>1 pause button</li> </ul>	<ul style="list-style-type: none"> <li>1 reprint button</li> <li>3.5" color touch display, 480 x 320 pixel</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> </ul>	<ul style="list-style-type: none"> <li>Ribbon end sensor</li> <li>Head open sensor</li> </ul>
Real Time Clock	Standard	
Internal Font	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>ARIALUNI.TTF Unicode true type font</li> </ul>	
Barcode	<ul style="list-style-type: none"> <li>1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</li> </ul>	
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, fan-fold, notch (outside wound)	
Media Width	15mm - 120mm (0.59" - 4.72")	
Media Thickness	0.06mm - 0.19mm (2.36mil - 7.48mil)	
Media Core Diameter	25.4mm - 38.1mm (1" - 1.5")	
Label Length	5mm - 25,400mm (0.20" - 1,000")	5mm - 11,430mm (0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>Operation: 0°C to 40°C (32°F to 104°F), 25% - 85% non-condensing</li> <li>Storage: -40°C to 60°C (-40°F to 140°F), 10% - 90% non-condensing</li> </ul>	
Safety Regulation	CB, FCC Class B, IC, cTUVus, CE Class B, UKCA, EAC, CCC, BIS, RCM, KC, Energy Star 3.0	
Environmental Concern	Comply with RoHS, REACH, WEEE, China RoHS	
Accessories	<ul style="list-style-type: none"> <li>Quick start guide</li> <li>USB cable</li> <li>Power cord</li> <li>External universal switching power supply</li> </ul>	<ul style="list-style-type: none"> <li>1" ribbon spindle x 2 for 300m ribbon roll</li> <li>1" ribbon paper core</li> <li>Media adaptor for 120mm wide media</li> </ul>
Limited Warranty	<ul style="list-style-type: none"> <li>Printer: 2 years</li> <li>Printhead: 25km (1 million inches) or 12 months which comes first</li> <li>Platen: 50km (2 million inches) or 12 months which comes first</li> </ul>	
Factory Option	MFi Bluetooth 5.0	
Dealer Option	<ul style="list-style-type: none"> <li>Peel-off module</li> <li>Guillotine cutter (full cut and partial cut)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module</li> <li>Bluetooth 5.0 module</li> </ul>	
User Option	<ul style="list-style-type: none"> <li>External label roll mount</li> <li>KP-200 Plus keyboard display unit</li> <li>10mm narrow media adaptor</li> </ul>	



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## DH Series 4-Inch Specifications

Model	DH240T	DH340T
Resolution	8 dots / mm(203 DPI)	12 dots / mm(300 DPI)
Printing Method	Direct Thermal	
Max. Print Speed	203mm(8") / second	152mm(6") / second
Max. Print Width	108mm(4.25")	105.7mm(4.16")
Max. Print Length	25,400mm(1,000")	11,430mm(450")
Enclosure	Clamshell with double-walled plastic	
Physical Dimension	208mm(W)x170mm(H)x235mm(D) 8.19"(W)x6.69"(H)x9.25"(D)	
Weight	2.1kg(4.63 lbs)	
Label Roll Capacity	127mm(5")OD	
Processor	32-bit RISC CPU	
Memory	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>128 MB SDRAM</li> <li>microSD card reader for Flash memory expansion, max. 512 GB, FAT32 and exFAT only</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>USB 2.0</li> <li>RS-232</li> <li>USB Host</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module(dealer option)</li> <li>Bluetooth 5.0(dealer option)</li> <li>MFi Bluetooth 5.0(factory option)</li> </ul>	
Power	External universal switching power supply <ul style="list-style-type: none"> <li>Input: AC 100-240V, 2.0A, 50-60Hz</li> <li>Output: DC 24V, 3.75A, 90W</li> </ul>	
Operation Switch, Button, LED/LCD	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed button</li> <li>1 pause button</li> </ul>	<ul style="list-style-type: none"> <li>1 reprint button</li> <li>3.5" color touch display, 480 x 320 pixel</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> <li>Head open sensor</li> </ul>	
Real Time Clock	Standard	
Internal Font	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>ARIALUNI.TTF Unicode true type font</li> </ul>	
Barcode	<ul style="list-style-type: none"> <li>1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</li> </ul>	
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, fan-fold, notch (outside wound), linerless media (for linerless option)	
Media Width	15mm - 120mm(0.59" - 4.72")	
Media Thickness	0.06mm - 0.19mm(2.36mil - 7.48mil)	
Media Core Diameter	25.4mm - 38.1mm(1" - 1.5")	
Label Length	5mm - 25,400mm(0.20" - 1,000")	5mm - 11,430mm(0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>Operation: 0°C to 40°C(32°F to 104°F), 25% - 85% non-condensing</li> <li>Storage: -40°C to 60°C(-40°F to 140°F), 10% - 90% non-condensing</li> </ul>	
Safety Regulation	CB, FCC Class B, IC, cTUVus, NOM, CE Class B, UKCA, EAC, CCC, BIS, RCM, KC, Energy Star 3.0	
Environmental Concern	Comply with RoHS, REACH, WEEE, China RoHS	
Accessories	<ul style="list-style-type: none"> <li>Quick start guide</li> <li>USB cable</li> </ul>	<ul style="list-style-type: none"> <li>Power cord</li> <li>External universal switching power supply</li> </ul>
Limited Warranty	<ul style="list-style-type: none"> <li>Printer: 2 years</li> <li>Printhead: 25km(1 million inches) or 12 months which comes first</li> <li>Platen: 50km(2 million inches) or 12 months which comes first</li> </ul>	
Factory Option	MFi Bluetooth 5.0	
Dealer Option	<ul style="list-style-type: none"> <li>Peel-off module</li> <li>Guillotine cutter (full cut and partial cut)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module</li> </ul>	<ul style="list-style-type: none"> <li>Bluetooth 5.0 module</li> <li>Linerless with cutter (full cut)</li> <li>Linerless with tear</li> </ul>
User Option	<ul style="list-style-type: none"> <li>External label roll mount</li> <li>KP-200 Plus keyboard display unit</li> <li>10mm narrow media adaptor</li> </ul>	



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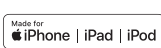
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 20231006





# DH Series 4-Inch for Healthcare Specifications

Model	DH240THC	DH340THC
Resolution	8 dots / mm(203 DPI)	12 dots / mm(300 DPI)
Printing Method	Direct Thermal	
Max. Print Speed	203mm(8") / second	152mm(6") / second
Max. Print Width	108mm(4.25")	105.7mm(4.16")
Max. Print Length	25,400mm(1,000")	11,430mm(450")
Enclosure	<ul style="list-style-type: none"> <li>Clamshell with double-walled plastic</li> <li>Disinfectant-ready plastic, designed with an easy-to-clean surface and a sealed button interface</li> <li>Antibacterial enclosure</li> </ul>	
Physical Dimension	208mm(W)x170mm(H)x235mm(D) 8.19"(W)x6.69"(H)x9.25"(D)	
Weight	2.1kg(4.63 lbs)	
Label Roll Capacity	127mm(5")OD	
Processor	32-bit RISC CPU	
Memory	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>128 MB SDRAM</li> <li>microSD card reader for Flash memory expansion, max. 512 GB, FAT32 and exFAT only</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>USB 2.0</li> <li>RS-232</li> <li>USB Host</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 5.0 combo module(dealer option)</li> <li>Bluetooth 5.0(dealer option)</li> <li>MFi Bluetooth 5.0(factory option)</li> </ul>	
Power	External universal switching power supply <ul style="list-style-type: none"> <li>IEC 60601-1 certified power supply</li> <li>Input: AC 100-240V, 2.0A, 50-60Hz</li> <li>Output: DC 24V, 3.75A, 90W</li> </ul>	
Operation Switch, Button, LED/LCD	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed button</li> <li>1 pause button</li> </ul>	<ul style="list-style-type: none"> <li>1 reprint button</li> <li>3.5" color touch display, 480 x 320 pixel</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor(position adjustable)</li> <li>Head open sensor</li> </ul>	
Real Time Clock	Standard	
Internal Font	<ul style="list-style-type: none"> <li>8 alpha-numeric bitmap fonts</li> <li>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> <li>ARIALUNI.TTF Unicode true type font</li> </ul>	
Barcode	<ul style="list-style-type: none"> <li>1D barcode Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D barcode TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar(RSS barcode)</li> </ul>	
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, fan-fold, notch(outside wound), linerless media(for linerless option)	
Media Width	15mm - 120mm(0.59" - 4.72")	
Media Thickness	0.06mm - 0.19mm(2.36mil - 7.48mil)	
Media Core Diameter	25.4mm - 38.1mm(1" - 1.5")	
Label Length	5mm - 25,400mm(0.20" - 1,000")	5mm - 11,430mm(0.20" - 450")
Environment Condition	<ul style="list-style-type: none"> <li>Operation: 0°C to 40°C(32°F to 104°F), 25% - 85% non-condensing</li> <li>Storage: -40°C to 60°C(-40°F to 140°F), 10% - 90% non-condensing</li> </ul>	
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