

# 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" colour 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") (10mm with adapter)			
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, 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> </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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