

# DH Series 2-Inch for Healthcare Specifications

| Model                             | DH220THC   | DH320THC  |
|-----------------------------------|--|---|
| 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                  | 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                | 138mm(W)x 172mm(H)x 210mm(D)<br>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                             | <ul style="list-style-type: none"> <li>External universal switching power supply</li> <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> </ul>  | <ul style="list-style-type: none"> <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<br/>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<br/>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") (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")  |
| 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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