



## **DTS-5001 Handheld Imager (Powered by ZEBRA SCAN ENGINE)**

### **FAST AND RELIABLE 1D/2D SCANNING**

From government mandates to essential general-purpose scanning applications, you can capture it all with the DTS-5001 corded handheld imager. Your workers get point-and-shoot simplicity on everything from printed and electronic 1D and 2D barcodes to coupons and loyalty cards. Lightweight and compact, the DTS-5001 ensures all-day comfort. And with DASH-DTLPL legacy of industry-best performance, ease of use and reliability, you can count on the DTS-5001 to serve your everyday 1D and 2D scanning needs at a great value.



### **Streamline your recordkeeping and meet government mandates**

Whether you need to scan the barcode on an invoice or a QR code on a mobile device, the DTS-5001 has you covered. Easy to setup and always reliable, you can count on the DTS-5001 to help you meet your recordkeeping needs.

### **Simplify the scanning experience with Data Capture DNA**

It takes more than hardware to resolve today's toughest enterprise challenges. It requires intelligent software to address the needs of every stakeholder. That's why DASH-DTLPL scanners contain Data Capture DNA, the genetic code that simplifies the entire scanning experience. Every DTS-5001 comes with complimentary management tools like the industry's most intuitive configuration wizard, so even a first-time user can easily setup the scanner. Additionally, set-it-and-forget-it remote management tools dramatically simplify scanner deployments of any size. And our Scanner Software Development Kit (SDK) provides everything you need, including documentation, drivers, test utilities and sample source code for Windows, Android, iOS and Linux.

### **Proven quality you can trust**

For over 27 years, DASH-DTLPL has set new standards in the Scanning industry, providing cutting-edge technology and products across all industries and businesses. We scan each scanners with symbology Code 39, Code 128, PDF 417 UPC, Data Matrix, QR & that is why this DTS-5001 is used in industries like Automobile, Liquor, Pharama & Retails by major Top Brands. When you choose the DTS-5001, you get the peace of mind that comes with choosing renowned quality and reliability, as well as well-proven technology.

### **Meet your everyday scanning needs**

The DTS-5001 offers practical barcode scanning performance so workers can easily capture your everyday 1D and 2D barcodes. With omni-directional scanning, there is no need to line up the imager and the barcode for true point-and-shoot simplicity.

**PUT THE FAST AND RELIABLE DTS-5001 TO WORK IN YOUR EVERYDAY  
1D AND 2D SCANNING APPLICATIONS.**

**For more information about the DTS-5001 Handheld Imager, access our global  
contact directory at [www.dashtechlabels.com](http://www.dashtechlabels.com)**



# DTS-5001 Specifications

| PHYSICAL CHARACTERISTICS     |                                                                                                                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                   | 6.5 in. H x 2.6 in. W x 3.9 in. D<br>16.5 cm H x 6.6 cm W x 9.8 cm D                                                                                                                                                               |
| Weight                       | 4.69 oz. / 133.0 g                                                                                                                                                                                                                 |
| Input Voltage Range          | 4.5 to 5.5 VDC Host Powered; 4.5 to 5.5 VDC External Power Supply                                                                                                                                                                  |
| Current                      | <b>Operating Current at Nominal Voltage (5.0V):</b><br>200 mA (typical). (Note: Auto-Aim and Illumination on Acquiring Image)<br><b>Standby Current (idle) at Nominal Voltage (5.0V):</b><br>150 mA (typical). (Note: Auto-Aim On) |
| Color                        | Midnight Black                                                                                                                                                                                                                     |
| Supported Host Interfaces    | USB                                                                                                                                                                                                                                |
| User Indicators              | Direct Decode Indicator; good decode LEDs; Rear view LEDs; beeper (adjustable tone and volume)                                                                                                                                     |
| PERFORMANCE CHARACTERISTICS  |                                                                                                                                                                                                                                    |
| Motion Tolerance (Handheld)  | Up to 5 in./13 cm per second for 13 mil UPC                                                                                                                                                                                        |
| Swipe Speed (Hands-Free)     | Up to 30.0 in./76.2 cm per second for 13 mil UPC                                                                                                                                                                                   |
| Light Source                 | Aiming Pattern: Linear 624 nm Amber LED                                                                                                                                                                                            |
| Illumination                 | 645 nm Super-Red LED                                                                                                                                                                                                               |
| Imager Field of View         | 32.8° H x 24.8° V Nominal                                                                                                                                                                                                          |
| Image Sensor                 | 640 x 480 pixels                                                                                                                                                                                                                   |
| Minimum Print Contrast       | 25% minimum reflective difference                                                                                                                                                                                                  |
| Skew/Pitch/Roll Tolerance    | +/- 65°; +/- 65°; 0-360°                                                                                                                                                                                                           |
| Minimum Element Resolution   | Code 39 - 4.0 mil; Code 128 - 4.0 mil;<br>Data Matrix - 6.0 mil; QR Code - 6.7 mil                                                                                                                                                 |
| USER ENVIRONMENT             |                                                                                                                                                                                                                                    |
| Operating Temperature        | 32.0° to 122.0° F/0.0° to 50.0° C                                                                                                                                                                                                  |
| Storage Temperature          | -40.0° to 158.0° F/-40.0° to 70.0° C                                                                                                                                                                                               |
| Humidity                     | 5% to 95% RH, non-condensing                                                                                                                                                                                                       |
| Drop Specification           | Designed to withstand multiple drops at 4.0 ft./1.2 m to concrete                                                                                                                                                                  |
| Tumble Specification         | Designed to withstand 250 tumbles in 1.5 ft./0.5 m tumbler <sup>1</sup>                                                                                                                                                            |
| Environmental Sealing        | IP40                                                                                                                                                                                                                               |
| Electrostatic Discharge(ESD) | ESD per EN61000-4-2, +/-15 KV Air, +/-8 KV Direct, +/-8 KV Indirect                                                                                                                                                                |
| Ambient Light Immunity       | 0 to 10,000 Foot Candles/0 to 107,600 Lux                                                                                                                                                                                          |

| REGULATORY                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                        |                |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|
| Electrical Safety                                                                                                                                                                                                                                                                                                                                                           | EN 60950-1 2ed + A11 + A1 + A12 + A2:2013, IEC 60950-1 2ed + A1 + A2, UL 60950-1, CAN/CSA-C22.2 No. 60950-1-07                         |                |                  |
| Environmental                                                                                                                                                                                                                                                                                                                                                               | RoHS EN 50581                                                                                                                          |                |                  |
| LED Safety                                                                                                                                                                                                                                                                                                                                                                  | IEC 62471                                                                                                                              |                |                  |
| IT Emissions                                                                                                                                                                                                                                                                                                                                                                | EN 55032 (Class B)                                                                                                                     |                |                  |
| IT Immunity                                                                                                                                                                                                                                                                                                                                                                 | EN 55024                                                                                                                               |                |                  |
| Harmonic Current Emissions                                                                                                                                                                                                                                                                                                                                                  | EN 61000-3-2                                                                                                                           |                |                  |
| Voltage Fluctuation and Flicker                                                                                                                                                                                                                                                                                                                                             | EN 61000-3-3                                                                                                                           |                |                  |
| Radio Frequency Devices                                                                                                                                                                                                                                                                                                                                                     | 47 CFR Part 15, Subpart B, Class B                                                                                                     |                |                  |
| Digital Apparatus                                                                                                                                                                                                                                                                                                                                                           | ICES-003 Issue 6, Class B                                                                                                              |                |                  |
| DECODE CAPABILITIES <sup>2</sup>                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                        |                |                  |
| 1D                                                                                                                                                                                                                                                                                                                                                                          | Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma) |                |                  |
| 2D                                                                                                                                                                                                                                                                                                                                                                          | PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Han Xin, Postal Codes                                 |                |                  |
| WARRANTY                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                        |                |                  |
| Subject to the terms of DASH-DTLPL hardware warranty statement, the DTS-5000 Corded Scanner is warranted against defects in workmanship and materials for twelve (12) months from the date of shipment. For the complete DASH-DTLPL hardware product warranty statement, go to: <a href="http://www.dashtechlabels.com/warranty">http://www.dashtechlabels.com/warranty</a> |                                                                                                                                        |                |                  |
| DECODE RANGES (TYPICAL) <sup>3</sup>                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                        |                |                  |
| SYMBOLGY                                                                                                                                                                                                                                                                                                                                                                    | RESOLUTION                                                                                                                             | NEAR           | FAR              |
| Code 39                                                                                                                                                                                                                                                                                                                                                                     | 5 mil                                                                                                                                  | 0.2 in./0.5 cm | 6.0 in./15.2 cm  |
| Code 128                                                                                                                                                                                                                                                                                                                                                                    | 5 mil                                                                                                                                  | 0.8 in./2.0 cm | 4.0 in./10.2 cm  |
| PDF 417                                                                                                                                                                                                                                                                                                                                                                     | 6.7 mil                                                                                                                                | 0.8 in./2.0 cm | 5.7 in./14.5 cm  |
| UPC                                                                                                                                                                                                                                                                                                                                                                         | 13 mil (100%)                                                                                                                          | 0.6 in./1.5 cm | 12.0 in./30.5 cm |
| Data Matrix                                                                                                                                                                                                                                                                                                                                                                 | 10 mil                                                                                                                                 | 0.3 in./0.8 cm | 6.2 in./15.7 cm  |
| QR                                                                                                                                                                                                                                                                                                                                                                          | 20 mil                                                                                                                                 | 0.4 in./1.0 cm | 10.0 in./25.4 cm |

## Ideal for These Applications

- Government**
  - Recordkeeping
  - Administration
- Retail**
  - Point-of-Sale (POS)
  - Loyalty applications
  - Electronic coupon redemption
- Hospitality**
  - Check-in
  - Ticketing (concerts sporting events and more)
  - Loyalty cards

1 Note: 1 tumble = 0.5 cycle.      2 Refer to Product Reference Guide for complete list of symbolgies.      3 Printing resolution, contrast, and ambient light dependent.



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