

# Leica Geosystems

## 3D Disto Technical Data – US Standard

|   |   |
|---|---|
| <b>Distance Meter</b>                   |   |
| <b>Range</b>                            | 1.6' up to 165'   |
| <b>Laser type</b>                       | Class 2   |
| <b>Measuring units</b>                  | m, ft, in   |
| <b>Measuring range</b>                  | Horizontal 360°, Vertical 250°  |
| <b>Tie Distance accuracy</b>            | 33' ≈ 0.04", 98' ≈ 0.08", 164' ≈ 0.16"  |
| <b>Circular level setting accuracy</b>  | 1°/0.04"  |
| <b>Digital pointfinder/viewfinder</b>   | Zoom magnification: 1x, 2x, 4x, 8x  |
| <b>X-Range technology</b>               | yes   |
| <b>Communication</b>                    | Cable: USB type A, wireless, WLAN,<br>SD card with 164' range<br><br>Data formats: import dxf, ccv export:<br>dwg, dxf, csv, jpc<br><br>Remote Control (IR) range = 98' |
| <b>Levelling range</b>                  | ± 3°  |
| <b>Pointfinder/viewfinder with zoom</b> | 8 x   |
| <b>Picture file format</b>              | .jpg  |
| <b>Memory for pictures</b>              | tablet  |
| <b>CAD data format on device</b>        | .dxf, .dwg  |
| <b>Memory for CAD files on device</b>   | Tablet  |
| <b>Display illumination</b>             | yes   |

- when it has to be **right**



# Leica Geosystems

Technical Data Continued

|  |                                 |
|--|---------------------------------|
| Free software for Windows 7 and up   | Software included               |
| Service life of batteries  | up to 8 h                       |
| Tripod thread  | 5/8" - 11                       |
| Batteries  | Li-Ion rechargeable, 14.4V/63Wh |
| Battery Charger/power pack   | 24VDC/2.5A                      |
| Charging time  | 7 h                             |
| Protection class   | IP54                            |
| Dimensions   | Ø 7.3" × 8.5"                   |
| Weight with batteries  | 6.2 lbs                         |
|  |                                 |
| <b>Features</b>  |                                 |
| Cost effective As-Built/Template measuring scanner                                 |                                 |
| Automated, motorized DISTO that captures and projects complex 3D & 2D measurements |                                 |
| Makes taking field measurements fast, easy and accurate                            |                                 |
| Camera accurate target selection   |                                 |
| Suitable for interior or exterior use  |                                 |
| Manual or robotic operation  |                                 |
| Full layout capabilities   |                                 |
| AutoCAD, Revit, BIM, MPanel & Cabinet Vision Compatible                            |                                 |

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Technical Data Continued

|  |  |
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|  |  |
| Line and surface scans   |  |
| Digital measurements with immediate results                      |  |
| Cable-free operation   |  |
| Digital point finder   |  |
| Graphic 2D & 3D display  |  |
| Marking heights, plumb points and parallel lines                 |  |
| Import own data for simple layouts                               |  |
| Changing position with photo backup                              |  |
| Export formats: dwg, dxf (2D, 3D & overview plan)jpg, cvs, & txt |  |