

# Leica Geosystems

## L2G Technical Data

|                            |   |
|----------------------------|---|
| Range*                     | 115 ft  |
| Range with laser receiver* | 262 ft  |
| Pulse power for receiver   | yes, auto   |
| Smart targeting            | not available   |
| Self-leveling range        | ± 4°  |
| Self-leveling time         | <3 seconds  |
| Out of level warning       | yes – blink lines every 5 seconds                                   |
| Leveling system            | automatic pendulum - lockable                                       |
| Leveling accuracy          | ±0.002 in/ft = ±0.08 in @ 33ft                                      |
| # of laser points          | N/A   |
| # of laser lines           | 2   |
| Beam direction             | vertical, horizontal  |
| Beam angle                 | vertical/> 170°, horizontal/> 180°                                  |
| Laser line width at 16 ft  | <0.08 in  |
| Horizontal line accuracy   | ±0.004 in/ft = ±0.11 in @ 33ft                                      |
| Vertical line accuracy     | ±0.004 in/ft = ±0.11 in @ 33ft                                      |
| Point accuracy             | N/A   |
| Laser type                 | 525 ± 5nm/Class 2 (IEC 60825-1)                                     |
| Laser output power         | 30 mW   |
| Laser visibility           | 0.9 spectral efficiency   |
| Drop resistance            | 1.64 ft   |
| Battery type               | Li-Ion rechargeable battery pack 5200 mAh/ 18.7 Wh (or AA 3 x 1.5V) |

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|                              |   |
|------------------------------|---|
| Operating time (Li-Ion)      | 28h (1beam) continuous<br>15h (2 beams) continuous  |
| Operating time (Alkaline)    | 7h (1 beam) continuous<br>4h (2 beam) continuous  |
| Automatic shut-off           | available   |
| Protection class             | IP54  |
| Dimensions (L x W x H)       | 4.33 x 2.36 x 3.93 in   |
| Weight with Li-Ion batteries | 1.17 lbs  |
| Operating temperature        | +14 to +122° F  |
| Storage temperature          | -13 to +158° F  |
| Tripod thread                | 1/4" (5/8" with adapter)  |
| Scope of delivery            | L2G,<br>TWIST 250,<br>UAL 130,<br>Li-Ion battery pack, charger,<br>Alkaline battery tray,<br>Target plate,<br>Hard case,<br>Calibration certificate |

\*depending on lighting conditions