



Leica BLK
Geosystems

LEICA BLK2GO

REALITY CAPTURE. HANDHELD.



LEICA BLK2GO

HANDHELD IMAGING LASER SCANNER

DESIGN & PHYSICAL

Housing	Black anodized aluminium
Dimensions	Height: 279 mm / Diameter: 80 mm
Weight	650 g (775 g including battery)
Transport cover	BLK2GO transportation case

OPERATION

Stand-alone operation	One-button operation
Mobile device	BLK2GO Live app for iPhone (iOS 12.1 or later) including: live 2D and 3D visualization while scanning, device status and data management
Communication	Wireless (app connection)
Internal memory	24 hours of scanning (compressed data) / 6 hours (uncompressed data)
Battery	Exchangeable, rechargeable Li-Ion battery (Leica GEB821) 45-50 minutes

LiDAR & IMAGING

Laser class	1 (in accordance with IEC 60825-1)
Wavelength	830 nm
Field of view	360° (horizontal) / 270° (vertical)
Range	Min. 0.5 - up to 25 m
Point measurement rate	420,000 pts/sec
High resolution camera	12 Mpixel, 90° x 120°, rolling shutter
Panoramic vision system	3-camera system, 4.8 Mpixel 300° x 135°, global shutter

SYSTEM PERFORMANCE (SLAM BASED)

Relative accuracy* **	6-15 mm
Absolute position accuracy indoor * ***	20 mm

ENVIRONMENTAL

Robustness	Designed for indoor and outdoor use
Operating temperature	+5 to +40 °C
Dust & humidity protection	IP54 (IEC 60529)

DATA PROCESSING

Data transfer	Wireless and USB 3.0
Desktop software	Leica Cyclone REGISTER 360 and Cyclone REGISTER 360 (BLK Edition)

All specifications are subject to change without notice.

All accuracy specifications are one sigma unless otherwise noted.

*at 78% albedo

**environment dependent

***controlled environment (scan duration 2 minutes)

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