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 iOS and Android including: live 2D and 3D while scanning, device status and data management.
	iOS 12.1 or higher recommended devices: iPhone series 8, X, 11, 12 Android 9 or higher. Recommended devices: Samsung Galaxy series S10, S20, S21
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 (GRANDSLAM BASED)

Range noise * **	+/-3 mm
Accuracy indoor ***	+/-10 mm

ENVIRONMENTAL

Robustness	Designed for indoor and outdoor use
Operating temperature	0 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)

Leica Geosystems

BLK