

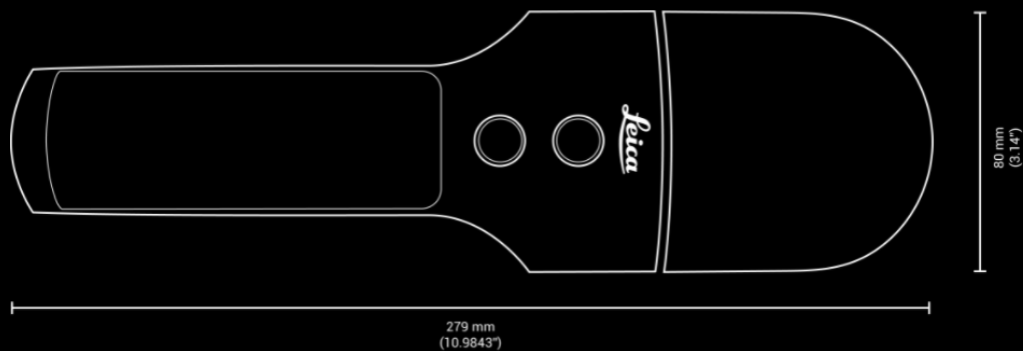


HEXAGON

Leica
Geosystems

LEICA BLK2GO

Technical Specs



WEIGHT

775 g (1.7 lbs)



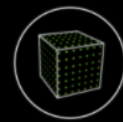
GRANDSLAM

Combining three powerful
SLAM methods



IMAGERY

Panoramic imagery
throughout your dataset



POINT CLOUDS

Fully colorized 3D point
clouds



BATTERY LIFE

45-50 minutes



ONBOARD STORAGE

6 hours of scanning



LiDAR RANGE

25 meters (80 Feet)



POINT & SHOOT

Point & Shoot camera to
capture specific details

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 RANGE:

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)



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