

Press Release

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Consecutive No, Short Title 12-2019, Leica BLK2GO Announced

New handheld imaging laser scanner offers unprecedented efficiency to surveyors

BLK2GO handheld imaging laser scanner is the newest scanner in the Leica Geosystems BLK series

(HEERBRUGG, SWITZERLAND/LAS VEGAS, 13 JUNE 2019) - Leica Geosystems, part of Hexagon, is showcasing the Leica BLK2GO handheld imaging laser scanner, a first-of-its-kind mobile scanner, that was [announced](#) yesterday at HxGN LIVE. The BLK2GO is designed to scan complex spaces with unprecedented efficiency and speed thanks to LiDAR, SLAM (simultaneous localisation and mapping) and edge computing technologies, which enables surveyors, professionals and users to expand their reality capture capabilities.

The new Leica BLK2GO handheld imaging laser scanner offers unprecedented efficiency to surveyors.

The BLK2GO is a wireless handheld imaging laser scanner that seamlessly captures 3D environments while the user is in motion, and continuously creates a digital representation of reality in the form of 3D point clouds. The BLK2GO's compact and handheld design allows a much greater degree of mobility, as well as access to spaces and objects that may have been difficult or impossible to scan before. With simple, one-button operation and a lightweight design, it is easy to use for professional and casual users alike.

"The BLK2GO is the next step in the BLK series to democratise technology and create reality capture tools that are intuitive and accessible to users in many industries," said Burkhard Boeckem, CTO Hexagon's Geosystems division. *"The BLK2GO is a major leap in technology and advances the powerful yet simple design of the BLK360 and offers much more speed, efficiency and mobility for users."*

Scanning in motion

With the BLK2GO, surveying teams now have the option to use a hand-held mobile scanner in addition to the solutions they use today. Combining two-axis LiDAR with visual SLAM technologies, the BLK2GO has spatial awareness to know where it is and



where it has been in space and will accurately follow a user's trajectory while scanning. When used with the iOS app, users can get live feedback while scanning, check the device status, or do quick data inspection.

"When we considered the current limitations of reality capture methods, we found an opportunity to deliver a new tool that would allow drastically new reality capture workflows to augment existing methods and tools," said Juergen Mayer, president of the Reality Capture Division at Leica Geosystems. "There is simply no other reality capture device on the market that has the mobility of the BLK2GO, nor the ability to capture seamlessly while in motion. We anticipate that professionals and users worldwide will find innovative and exciting new applications in their reality capture projects with the BLK2GO."

The BLK2GO is expected to be available in October 2019. For more information, please visit BLK2GO.com

Leica Geosystems – when it has to be right

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Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

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