

Hexagon Expands Leica BLK Series to Enhance 3D Reality Capture



Hexagon has introduced two new additions to the Leica BLK series. The Leica BLK2GO is one of the smallest portable, completely integrated handheld-imaging scanners in the industry, and the Leica BLK247 is a 3D laser-scanning sensor for security surveillance providing continuous, 24/7 situational awareness.

“Extending the BLK series continues Hexagon’s 20-year focus on revolutionizing reality capture,” said [Ola Rollén](#), Hexagon president and CEO. “These sensors are not only groundbreaking for their technical capabilities, but also for their practicality. The Leica BLK2GO can be taken anywhere, and the Leica BLK247 never sleeps.”

The Leica BLK2GO introduces never-before-seen mobility for scanning complex indoor environments. The handheld-imaging laser scanner combines visualization, Lidar and edge-computing technologies to scan in 3D while in motion, allowing users to be much more agile and efficient in capturing objects and spaces. The BLK2GO has a wide range of applications, from adaptive reuse projects in the architecture and design industries to location scouting, pre-visualization and VFX workflows for media and entertainment.

The Leica BLK247 is designed for continuous 3D reality capture, extending capabilities for safety and security applications. The sensor provides real-time situational awareness through edge computing and Lidar-enabled change-detection technology. Using artificial intelligence, the BLK247 can tell the difference between still and moving objects – such as a person walking who leaves a suitcase behind – and identify security threats to provide real-time alerts for both expected and unexpected changes. The BLK247 greatly enhances situational awareness within restricted or high-security spaces, as it eliminates the need for people to constantly monitor walls of security screens or smart building dashboards.

The [Leica BLK2GO](#) and Leica [BLK247](#) are among the many innovative solutions being showcased this week at HxGN LIVE 2019, Hexagon’s annual digital technology conference.

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