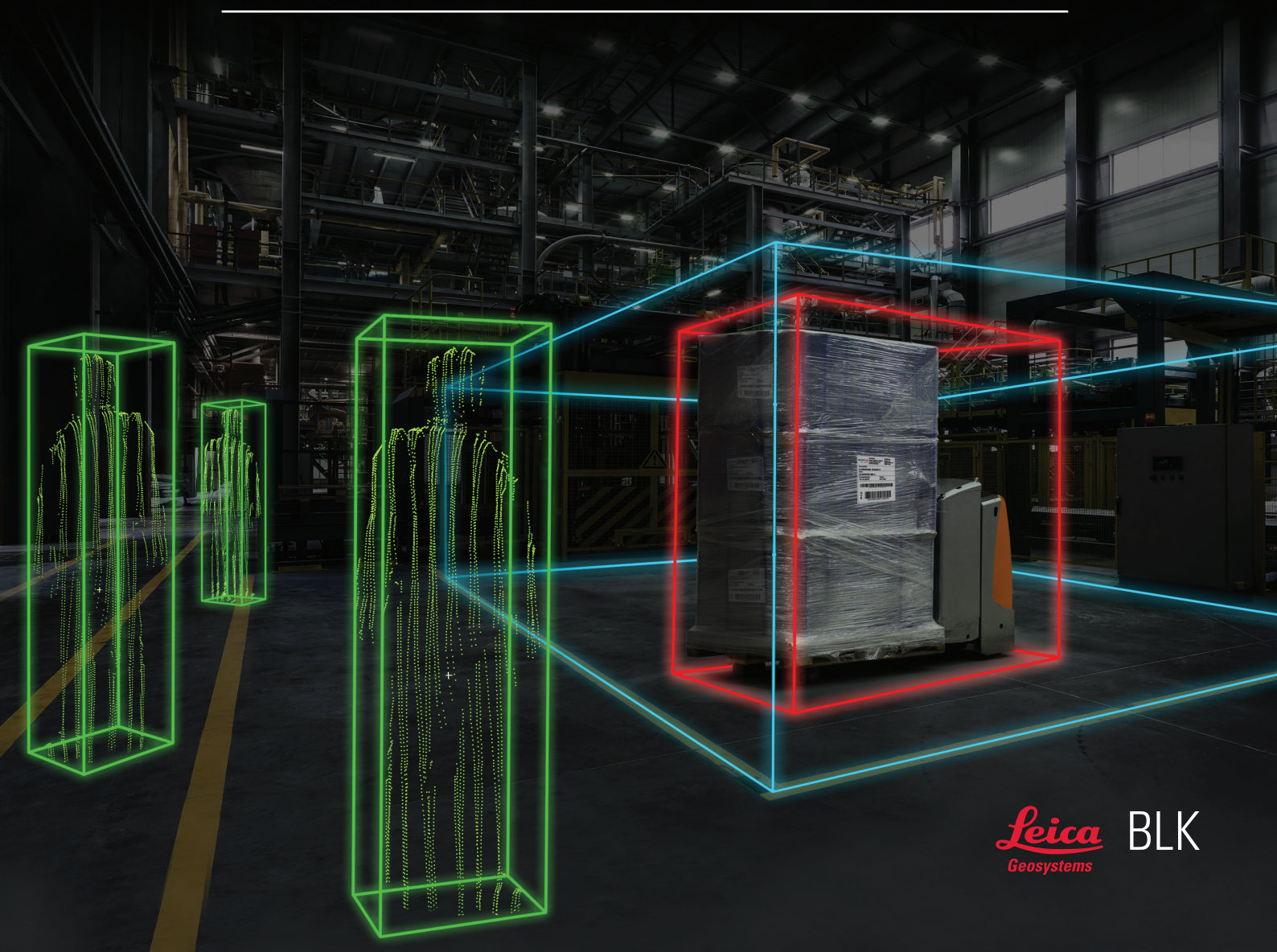
LEICA BLK247

REAL-TIME REALITY CAPTURE SENSOR



Leica Geosystems BLK

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New Approach in 3D Surveillance

The BLK247 is a real-time reality capture device that uses sensor fusion technology—a combination of edge computing, imagery, and LiDAR—to detect and report physical changes within a space. It is designed to make 3D surveillance usable and convenient for everyone while ensuring the high-quality standards of Leica Geosystems.

Change Detection Technology

The BLK247 monitors 3D environments and builds 3D digital fences around specific areas or objects—including moving objects—and provides real-time situational awareness through LiDAR-enabled change detection technology.

Smart Device

The BLK247 can tell the difference between still and moving objects, such as a person walking who leaves a backpack behind. Its edge computing power will identify the exact situation and notify you immediately.

Product Details

Sensors:	1 dual axis LiDAR
	2 imaging cameras
	4 thermal imaging cameras
Power:	PoE++ (Power over Ethernet)
Mounting:	Ceiling or wall
Range:	30 m (60 m diameter) / 98 ft
Weight:	<2.0 kg / <4.4 lb
Height:	17 cm / 7 inches
Field of view:	360° horizontal
	240° vertical

Application Areas

Possible application areas for the BLK247 are extremely varied. A typical application is 3D surveillance, which leads to much more precise and reliable results compared to traditional 2D surveillance. Other areas are transportation & rail, manufacturing & logistics, as well as smart cities & buildings.

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