

# LEICA BLK247

## Smart 3D Surveillance System



### Smart Threat Detection

BLK247 is a smart 3D surveillance system that immediately determines threats versus non-threats with accuracy and reliability. It reduces false alarms and increases overall confidence in your security system.

### Full Coverage

The BLK247 is a multi-sensor device that provides 360° horizontal x 270° vertical field-of-view. You can monitor an entire space and define specific areas for surveillance with 3D geofencing.

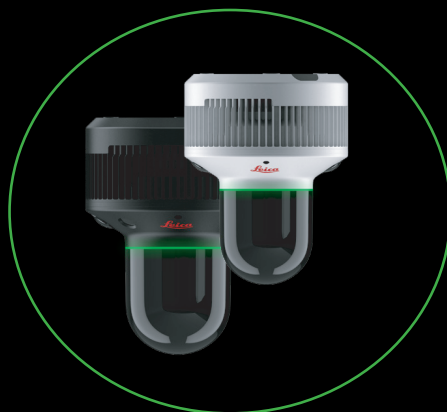
### Sensor Fusion

BLK247 sensor fusion technology combines LiDAR, video, and thermal imaging sensors. It monitors spaces by performing real-time change detection in 3D.



### AI & Edge Computing

The BLK247 uses onboard assistive AI and edge computing to analyze the data it gathers. It then distinguishes between a threat and a non-threat and decides whether to trigger an alarm.



### Sensor Fusion

The BLK247 combines the power of LiDAR, video, thermal imaging, and assistive AI to trigger alerts and alarms. LiDAR determines whether an intrusion took place and verifies with other sensors if it is a human intruder.



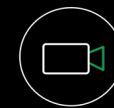
### LiDAR

An invisible laser beam with 360 by 270 degree coverage constantly scans the space with high dimensional accuracy, resulting in real-time 3D change detection.



### IR

Four thermal sensors monitor the space for all temperature changes.



### Video

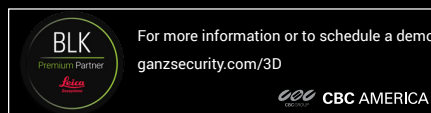
A twin video camera system monitors the same area as the LiDAR system, and includes on-board video sequence recording.

## Technical Data

Operating Temperature	BLK247 x5: -15° to +40°C (5° to 104° F) BLK247 i5: +10° to +35°C (50° to 95° F)
IP Rating	BLK247 x5: IP55, 65, 67 BLK247 i5: –

LiDAR Field of View	360° x 270°
LiDAR Range	30 m (32.81 yd)
RGB Camera	2-camera system, fisheye lense
IR Camera*	4-camera system

All specifications are subject to change without notice.  
All accuracy specifications are one sigma unless otherwise noted.  
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