



Leica BLK360 SE

Model your world.

Everything you need to get started

The Leica BLK360 SE makes accurate 3D capture easy and intuitive. With one-button operation, a compact design, and rapid scan times, it lets professionals document spaces efficiently and reliably. It fits seamlessly into fast-paced workflows and delivers accurate, shareable scans without a steep learning curve.

Work smarter with every scan

Move beyond manual measurements and sketches with modern 3D capture. The BLK360 SE helps reduce site visits, minimise errors, and deliver dependable, high-quality data. Multiple scan modes and HDR imagery ensure accurate models and clear visual context – making every scan faster, easier, and more reliable.

General	
Imaging scanner	3D scanner with integrated HDR spherical imaging system
Performance	
3D point accuracy*	4 mm @ 10 m
Speed	Less than 1 minute for complete full-dome scan and spherical LDR image at 25 mm @ 10 m resolution
Scanning	
Laser scanning system	High speed time-of-flight, enhanced by Waveform Digitising (WFD) technology
Range*	Minimum 0.5 m - up to 45 m
Point density modes	3 user selectable resolution settings (6/12/25 mm @ 10 m)
Field-of-view	360° (horizontal) / 270° (vertical)
Laser class	1 (in accordance with IEC 60825-1:2014)
Wavelength	830 nm
Dimensions & design	
Dimensions	Height: 155 mm Diameter: 80 mm
Weight	0.75 kg (0.85 kg incl. battery)
Housing	Black anodised aluminium
Power	
Battery type	Internal, rechargeable Li-Ion battery (Leica GEB825)

Imaging	
Camera system	Four 13 Mpixel, calibrated RGB cameras to collect LDR and HDR 360° spheric images.
Field-of-view	360° (horizontal) / 270° (vertical)
Camera resolution	104 Mpx
Image modes	• Auto exposed LDR • 5-bracket HDR • Off - scanning only
Operation	
Standalone operation	One-button operation
Wireless communication	Integrated wireless LAN (802.11 b/g/n)
Internal memory	180 GB (up to 1500 setups)
Instrument orientation	Upright and upside down
Data transfer	Wireless and USB-C
Environmental	
Robustness	Designed for indoor and outdoor use
Operating temperature	0° C to + 40° C
IP Rating	IP54 (IEC 60529)
Software	
Mobile	Leica Cyclone FIELD 360 BLK Live
Desktop	PinPoint Leica Cyclone REGISTER 360 PLUS (BLK Edition)

* At 78% albedo

All specifications are subject to change without notice.

All accuracy specifications are one sigma unless otherwise noted.

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