Leica BLK360 SE Essentials

Value proposition: The Leica BLK360 SE Essentials simplifies reality capture by integrating hardware and software, allowing users to scan, process, and model point clouds with ease. This end-to-end solution includes the Leica BLK360 SE scanner, Cyclone FIELD 360 app, and PinPoint software, enabling users to scan and model right out of the box.

KEY BENEFITS

Complete End-to-End Workflow
Provides a seamless scan-to-model process with integrated hardware and software, simplifying reality capture tasks from data collection to 3D modeling.

User-Friendly Operation
Features intuitive tools and a one-button design, making it accessible for both new and experienced users to quickly capture and process 2D and 3D data.

Enhanced Productivity
Streamlines project workflows by enabling efficient documentation, reducing errors, and optimizing coordination and timelines in building projects.

Compatibility with CAD/BIM Software
Easily create floorplans and export data to CAD software.

Cost-Effective Entry Point
Offers an affordable solution for small-scale projects or specific areas, lowering the barrier to entry for adopting advanced laser scanning technology.

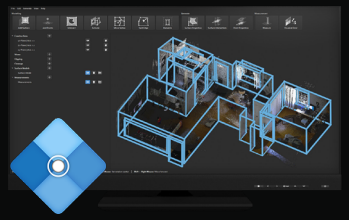
ONE UNIFIED WORKFLOW



FIELD 360 App
- Smart pre-alignment of scans aids PinPoint registration
- Scanner remote control
- Visualization of the scan setups
- Data measurements
- User-friendly UI and BLK360 SE support



BLK360 SE
- Complete Data
- Synchronized & up-to-date



PinPoint v4.0
- Editing & registering data
- 3D modelling
- 3D meshing
- Floorplan and orthophotos creation
- Exporting data (E57, OBJ, DXF, etc.)

COMPETITIVE SPECS COMPARISON

Feature	BLK360 SE	Matterport Pro3	Faro Blink	Faro Focus Core	Trimble X7
Type	Imaging Laser Scanner	LiDAR 3D Camera	3D Laser scanner	3D Laser scanner	3D Laser scanner
Weight	850g	2.2kg	3.7 kg	4.4kg	5.8kg
Range	0.5m to 45m	0.5m to 100m	0.5 m – 80 m	0.6m to 70m	0.6m to 80m
3D Accuracy	4mm at 10m	20mm at 10m	4 mm @10 m	3mm at 10m	3.5mm at 20m
Scanning Speed	<40 secs	<20 secs	22 secs	60 secs	2 min 34 secs
Acquisition Rate (pts/s)	340,000	100,000	Assumption: 640,000	500,000	500,000 p
Field of View	360° x 300°	360° x 295°	360° x 300°	360° x 300°	360° x 270°
Imaging	4 HDR cameras, 13MP	134.2MP	2 x 12.5 MP (HDR only)	165MP	10MP (3 coaxial cameras)
Operation Temperature	0°C to +40°C	0°C to +40°C	NA	+5°C to +40°C-10°C to +55°C*	-20°C to +50°C
Battery Life	>60 Scans	>220 scans	3 hours	4 hours	4 hours

RELATIVE HARDWARE COMPARISON

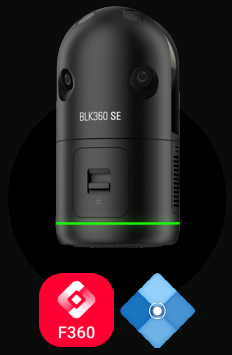


	BLK360 SE	BLK360	RTC360
Features	Essental functionality, Small, and Light, No Visual Inertial System (VIS)	Maximized efficiency, Fastest Scanning, Includes VIS	Highest Accuracy, Includes VIS
Accuracy	4mm @ 10m	4mm @ 10m	1.9mm @ 10m
Range	0.5m - up to 45m up to 340,000 pts/sec	0.5m - up to 45m up to 680,000 pts / sec	0.5m - up to 130m up to 2 million pts/sec
Minimum Scan Duration	00:40	00:20	<2 minutes for full dome scan and HDR image at 6mm @ 10m resolution
Resolution	6/12/25 mm @ 10m	6/12/25/50 mm @ 10m	3/6/12 mm @ 10m
Portability and Size	Dimensions: 80mm x 80mm 155mmWeight: 0.75 kg	Dimensions: 80mm x 80mm 155mm Weight: 0.75 kg	Dimensions: 120 mm x 240 mm x 230 mm Weight: 5.35 kg
VIS Technology	No	Yes	Yes

PRODUCT POSITIONING

GOOD

Essential functionality simplifying reality capture

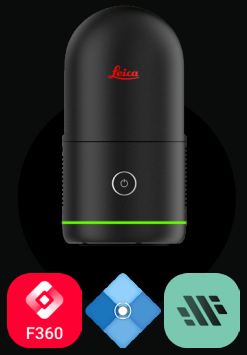


BLK360 SE

- 1X scan speed
- 1X registration speed (No VIS)
- Basic Modelling
- Includes Leica Cyclone FIELD 360 (BLK Edition) and PinPoint

BETTER

Fastest scanner with best-in-class efficiency for reality capture

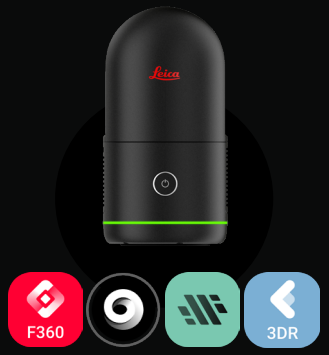


BLK360

- 2X scan speed
- 5X registration speed (VIS)
- Basic Modelling
- Cloud data visualization & sharing
- Leica Cyclone FIELD 360 (BLK Edition), PinPoint, and Reality Cloud Studio

BEST

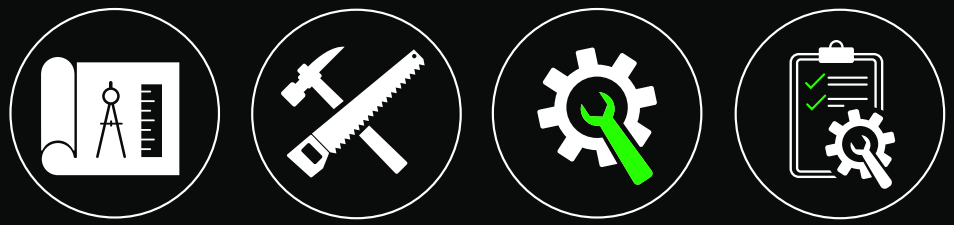
Reality capture solution with the fastest scanner for the pros



BLK360

- 2X scan speed
- 5X registration speed (VIS)
- Advanced Modelling
- Cloud data visualization & sharing
- Leica Cyclone FIELD 360 (BLK Edition), Cyclone REGISTER 360 (BLK Edition), Reality Cloud Studio, and Cyclone 3DR

TARGET AUDIENCE



Architects | Construction Trades | Engineers | Facility Manegement

Links to Useful Assets: Spec Sheet, Messaging Framework

HOW TO ORDER

- BLK360 SE Essentials is available for distribution partners and direct sales (art. #6019652). It includes the following:
  - BLK360 SE Laser Scanner
  - PinPoint 1 yr subscription
  - Cyclone FIELD 360 (BLK Edition) 1 yr subscription
  - Reality Capture Base Subscription
- PinPoint is the dedicated software for BLK360 SE users. You can order PinPoint software separately with annual subscription which can be auto-renewed.
- Ordering Cyclone FIELD 360 (BLK Edition) 1 yr subscription standalone is always possible.

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Leica Geosystems