

Leica Cyclone REGISTER 360 PLUS (BLK Edition)



Speed

Leica Cyclone REGISTER 360 PLUS (BLK Edition) delivers huge time savings and productivity gains for users of all experience levels. Whether you leverage Cyclone FIELD 360 for in-field registration or allow Cyclone REGISTER 360 PLUS to automatically register your scans post-collection, unique guided workflows, built-in QA/QC tools and automated reporting makes the entire process simple and quick. Cyclone REGISTER 360 PLUS (BLK Edition) saves significant time and guess work while delivering higher productivity. Scan-Tag-Drag-Drop-Done! - this is the promise of the Cyclone workflow.



Scale

Cyclone REGISTER 360 PLUS (BLK Edition) is optimised for use with the BLK range of sensors. Easily handle projects in the thousands of scans thanks to the product's superior registration, cleaning and visualisation capabilities and simple, yet powerful interface. Customise settings to suit your working style and speed projects to conclusion. Leverage versioning workflows to keep track of your registration and fuse multiple BLK data sources into one common digital reality.



Simplicity

Deliver professional-level project deliverables with ease. Cyclone REGISTER 360 PLUS (BLK Edition) provides guided registration workflows to assist new users and speed the process for experienced users. Intuitive QA tools and reporting take the guesswork out of your registration quality and put all the information you need at your fingertips. Batch export your final products to a range of formats and programs, including RCP, LGS (Leica Geosystems' universal digital reality file), and push live data to the cloud* for global collaboration at the click of a button.

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- when it has to be **right**

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Feature highlights

IMPORT

Direct WiFi transfer	Connect directly to your BLK2GO, BLK360, BLK2FLY, or BLK ARC imaging scanner via its built-in WiFi to import scans from the device
Cyclone FIELD 360 project import	Capture and register data with Cyclone FIELD 360 mobile app and stream your project directly to Cyclone REGISTER 360 PLUS (BLK Edition)
BLK Data Manager project import	Download .blk files from your BLK360 then drag-and-drop them into Cyclone REGISTER 360 PLUS (BLK Edition) for final data preparation, cleaning and more.

REGISTRATION AND VISUALISATION

Auto-Alignment	Auto-Alignment of scans for target and targetless workflows
Cyclone FIELD 360 pre-alignment	Use Cyclone FIELD 360 in-field registration as the foundation of a final registration.
Visual Alignment	Quickly visually align scan set ups for cloud-to-cloud registration
SiteMap	SiteMap object for placing scan positions on real world images or user imported images. World map available for use inside the software for SiteMap creation. Satellite and street map views available.
Localisation	Localised in French, German, Italian, Spanish, Simplified Chinese, Japanese, Korean and Russian
Assistant panel	Quickly find help for the most common workflows
GeoTags	Create, edit and publish GeoTags for use downstream in TruView, CloudWorx, Cyclone 3DR and more.
Cleaning	Automatically identify noise and ground points to rapidly clean data.

QA/QC

Smart Error Matrix	Intuitive, visual error matrix auto populates depending on your link or bundle selection. Acceptable error limits can be set by user.
TruSlicer	Quickly slice the cloud in the X, Y and Z directions to QA your alignment on-the-fly
Detect Moving Objects	Automatically detect objects that have moved between scans and quickly remove them from your scene
Limit Box Manager	Use Limit boxes to isolate areas of interest for visualisation or cleaning
Image Anonymisation	Manually blur faces and licence plates in imagery. Auto-blurring available with a Cyclone WORKFLOW licence.

PUBLISHING & REPORTING

Visual Registration Report	Auto-generate a professional registration report as a deliverable PDF once registration is QC'ed. Optimised with corresponding symbols for colour-blind users
Intuitive error reporting	Colour-coded links and overall mean error based on user-designated thresholds per project needs
Batch publish with a few clicks	RCP publishing included - Push data directly to TruView Cloud* - LGS (Leica Geosystems' universal digital reality file) TruView Enterprise, TruView Cloud*, Cyclone ENTERPRISE - Industry standard formats: E57, PTX, PTG, PTS, LAS and more - Professional registration report

* With TruView Cloud subscription