Leica Cyclone FIELD 360

View. Check. Add.



View

As part of the Leica Geosystems Reality Capture 360 solution, the high-performance Leica Cyclone FIELD 360 mobile-device app is the perfect field companion for the Leica RTC360 3D laser scanner. With its intuitive user interface, remote scanner control and on-site point cloud display, navigation is a breeze - even for novice users – with full imagery and point cloud data delivered directly to your tablet using edge computing technology.

Check

Direct data access and visualisation are the foundation for quality control in the field; with Cyclone FIELD 360, automatically pre-registered point cloud data enables users to quickly conduct on-site quality control checks, improves productivity and makes for better-informed decisions in the field.

Add

For improved registration in Leica Cyclone REGISTER 360 post-processing, and to add extra value and information to 3D data, Cyclone FIELD 360 enables on-site tagging of measurements, videos, images, text or voice files to the point cloud geometry simply by using your tablet.

Leica Cyclone FIELD 360 Product Specifications

GENERAL	
iOS or Android app	In-the-field app for remote scanner control, data management, quality control, data tagging and automatic pre-registration on-site
SCANNER CONTROL	
Remote scanner control with access to all control features	
DATA MANAGEMENT	
Create, edit and delete scan jobs	
DATA COMMUNICATION & TRANSFER	
Communication	Bi-directional wireless communication between scanner and tablet
Transfer	Automatic transfer of scan data from scanner to tablet; automatic synchronisation of all app created data from tablet to scanner
QUALITY CONTROL	
Point cloud navigation	Navigate single and registered point clouds in 2D map view, 360° panoramic view or in full 3D view
Point cloud display	Display point clouds in full HDR colour, rainbow intensity or grey-scale mapping
Measurement	Take and tag measurements within the point cloud
DATA TAGGING	
Add image, video, voice, text or any other file-based tags to point cloud	
PRE-REGISTRATION	
Auto alignment	Visual Inertial System (VIS) technology based automated alignment of scan setups for targetless cloud-to-cloud registration
Visual alignment	Move and rotate scan setups for a quick visual alignment for cloud-to-cloud registration
INTEROPERABILITY	
Sensor hardware	Leica RTC360 laser scanner
Cyclone software	Leica Cyclone REGISTER 360 1.5 or higher, requires active REGISTER 360 license for activation
SYSTEM REQUIREMENTS	
Platform	Android tablet computer running on Android 6.0 or higher, e.g. Samsung Galaxy Tab S3 Apple iPad tablet computer running on iOS 11.1 or higher, e.g. iPad Pro with 10.5" screen
ORDERING INFORMATION	
Contact your local Leica Geosystems representative or an authorised Leica Geosystems distribution partner.	



Auto-aligned point clouds in 2D view mode



360° view of point cloud

Can be downloaded from Google Play Store and Apple App Store.

GET IT ON Google Play

Download on the App Store



Leica RTC360



Leica Cyclone REGISTER 360



Leica JetStream

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when it has to be **right**

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