Leica Cyclone FIELD 360
View. Check. Add.

View

As part of the Leica Geosystems 3D Reality Capture solution, the high-performance Leica Cyclone FIELD 360 mobile-device app is the perfect field companion for the BLK360, RTC360 and ScanStation P-Series laser scanners. 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 or smartphone 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. Furthermore, directly publish your captured data from Cyclone FIELD 360 to TruView Cloud to quickly exchange project information between the office and the field prior to import and registration.

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 or smartphone. Using the Quick Plan add-on, extract walls to build rooms, define windows and doors and create a floor plan model shared directly in the field or consumed by Cyclone office software.

leica-geosystems.com

- when it has to be **right**

PART OF HEXAGON

Leica Geosystems

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 the RTC360 and ScanStation P-Series
Publishing to TruView Cloud	Direct publishing for communication between in-field team members and office team members to quickly exchange project information prior to import and registration

QUALITY CONTROL

Point cloud navigation	Navigate single and registered point clouds in 2D map view, 360° panoramic view or in full 3D view. See Live Scanner Position (RTC360 only).
Point cloud display	Display point clouds in full HDR colour (RTC360 and BLK360), 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 RTC360 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

ADD-ONS

Quick Plan	Extract walls and define doors and windows to create floor plan models in IFC or DXF format

INTEROPERABILITY

Sensor hardware	Leica ScanStation P-Series, RTC360 & BLK360
Cyclone software	Leica Cyclone REGISTER 360 1.6 (or higher) or Cyclone 9.4 (or higher) to support data import. Requires active Cyclone REGISTER or Cyclone REGISTER 360 (incl. BLK Edition) licence for activation.
TruView Cloud publish	Requires active TruView Cloud subscription

SYSTEM REQUIREMENTS

Platform	Android tablet computer or phone running on Android 7.0 or higher on 64-bit ARM architecture with 64-bit operating system and at least 3GB of RAM.
	Recommended devices (RTC360, ScanStation): Samsung Galaxy Tab S6, Tab S7, Samsung Galaxy S9, S9+, S10, S10+, S20, S20 + and Leica BLK3D with image capture.
	Recommended devices (BLK360): Samsung Galaxy Tab S4, Samsung Galaxy S9, S9+, S10, S10+.
	Apple iPad tablet computer or Apple iPhone running on iOS12 or higher with 64-bit operating system and at least 3GB of RAM.
	Recommended devices (RTC360, ScanStation, BLK360): iPad Pro 11 (2018, 2019, 2020) and iPhone XS, XS Max, 11, 11 Pro, 11 Pro Max, 12, 12 Pro.

Leica ScanStation survey-grade, 3D laser scanner and Leica Cyclone FIELD 360 mobile-device app.

Leica RTC360 3D laser scanner and Leica Cyclone FIELD 360 mobile-device app.

Leica BLK360 3D laser scanner and Leica Cyclone FIELD 360 mobile-device app.

Download from Google Play Store and Apple App Store.

GET IT ON Google Play · Download on the App Store

- when it has to be **right**

Leica Geosystems