

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 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 Leica 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.

leica-geosystems.com



- when it has to be **right**

Leica
Geosystems

PART OF
HEXAGON

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
------------------	--

INTEROPERABILITY

Sensor hardware	Leica ScanStation P-Series, Leica RTC360 & Leica BLK360
-----------------	---

Cyclone software	Leica Cyclone REGISTER 360 1.6 (or higher) or Leica 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.



All specifications are subject to change without notice. iPhone and iPad are trademarks of Apple Inc. Android is a trademark of Google.

Illustrations, descriptions and technical specifications are not binding and may change. All rights reserved. Printed in Switzerland – Copyright Leica Geosystems AG, Heerbrugg, Switzerland 2019. 872719en - 01.22