

# 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, as well as the Leica BLK360 imaging 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 visualization 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 synchronization of all app created data from tablet to the RTC360

## 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 color, 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 RTC360 laser scanner & Leica BLK360 imaging laser scanner

Cyclone software  
Leica Cyclone REGISTER 360 1.6 or higher, requires active REGISTER 360 license for activation

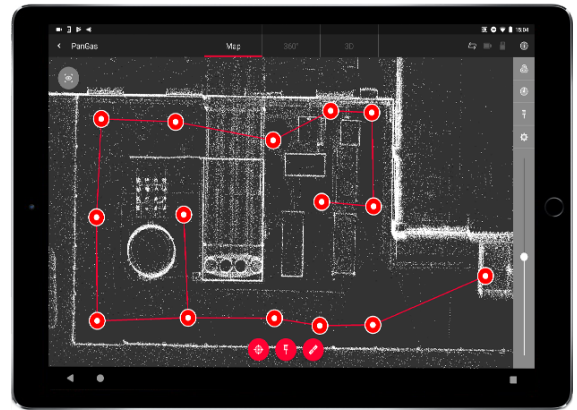
## SYSTEM REQUIREMENTS

Platform  
Android tablet computer (64-bit) running on Android 6.0 or higher, e.g. Samsung Galaxy Tab S3

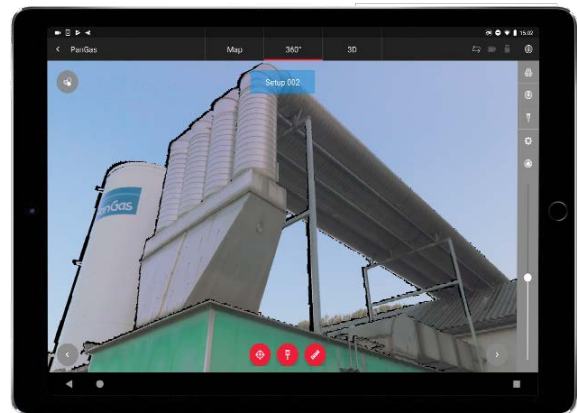
Apple iPad tablet computer running on iOS 11.1 or higher, e.g. iPad Pro with 10.5" screen

## ORDERING INFORMATION

Contact your local Leica Geosystems representative or an authorized 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.



Leica RTC360 Data Sheet



Leica Cyclone REGISTER 360 Data Sheet



Leica BLK360 Data Sheet

Illustrations, descriptions and technical specifications are not binding and may change. All rights reserved. Printed in Switzerland – Copyright Leica Geosystems AG, Heerbrugg, Switzerland 2019. 872720enus - 04.19



575 University Avenue  
Suite D  
Norwood, MA 02062  
617.782.3800  
sales@makepeace.com  
www.makepeace.com