Smart Construction Quick3D - Plus AR (Simplified version) Usage Procedure





EARTHBRAIN Smart Construction Quic3D - Plus AR Usage Instructions (simplified version)

Preparation: 1. Purchase a license for "Smart Construction Quick3D - Plus AR".

- 2. Install the Smart Construction Quick3D app and Pix4Dcatch on your iPhone/iPad, Log in with your Smart Construction account.
- 3. Prepare "viDoc RTK Rover", install it on your iPhone/iPad, and complete the initial settings.

1. Launch the Web version of Smart Construction Quick3D

Smart Construction[®] Home from a Web Browser Access the application list and click on Start "Smart Construction Quick3D". Smart Construction Home Application List



2-1. <u>To display your point cloud files and design files in AR</u>

Select " : " in the upper right corner of Smart Construction Quick3D's project list. And Select "Upload" from the "Upload" menu, After filling in the required information on the upload screen, and uploading the data for display.

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Smart Construction Quick3D Project List

*About the data for display Point cloud data is in "LAS format, Design data in "IFC format" and "LandXML format The system is compatible with the following



Upload Screen

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2-2. <u>AR display of design data</u> <u>on point cloud(after SfM processing)</u>

From the Smart Construction Quick3D project list, Upload from " : " in the upper right corner of any project and upload the design data* on the upload screen. Upload.



Smart Construction Quick3D Project List

*Design data is available in "IFC format" and "LandXML format".

3. display AR on iPhone/iPad

1): "Smart Construction Quick3D" app on iPhone/iPad Activate the



(2): Click on the " \vdots " button in the upper right corner of the project and select

"Display in AR". Selection.



(3) ③: Press OK when the screen shifts to the shooting screen and a warning message is displayed.

Select "RTK with Bluetooth connection" from the menu at the top of the screen and connect the pre-set "viDoc RTK Rover". Point the iPhone/iPad camera at the object to be photographed, and the data for display will be displayed in AR.



* Immediately after pressing "View in AR" and connecting to viDoc RTK Rover, the point cloud/design data will be displayed in front of you, but by walking around the object to be photographed after FIX, the AR display position will be displayed where it should be.

4. screen operation during AR display



Deletion of data for display

If you want to delete data for display, From the Smart Construction Quick3D project list Select the desired project and click the Delete button from the detailed information screen that appears. 4

