

# Pix4Dcatch RTK Workflow

viDoc RTK rover + PIX4D solutions  
Terrestrial 3D scanning with RTK survey-grade accuracy



## Portable 3D Scanner PIX4D ViDoc RTK Rover Special for Smartphones and Tablets

**Improve single point measurements with 3D scanning using handheld RTK rover**

### overview

Vidoc is [Handheld 3D Laser Scanner](#) . Surveying and writing using a smartphone is now more accurate, efficient and simple than ever before. Real-time feedback enables anyone on-site to become a documenting task investigator.

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### Features

#### 1. As a multi-measuring tool and GNSS rover

A variety of measurement methods and documentation can be performed on one device. It is convenient and practical for everyday use. Anyone on-site can operate it easily and quickly.

#### 2. As a 3D scanner

The viDoc® has controllable resolutions up to a minimum of 0.1 mm, achieving higher standards than laser scanners at close range. Get instantly point clouds, 3D models and orthophotos.

### 3. Combine with various apps such as Pix4Dcatch

It will be one of the most flexible measuring instruments on the market. Simple culture quantification determination and documentation of its results takes only seconds to minutes. This minimizes downtime and latency at construction sites. It often saves you the cost of expensive CAD add-ons.

### 4. Accurate measurement and documentation

to 1cm 1ppm

### 5. Compatible with the following smartphones:

**iOS:** iPhone XR, iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone 13, iPhone 13 Pro, iPhone 13 Pro Max, iPhone 14 Pro, iPhone 14 Pro Max, iPad Pro 11

**Android:** Samsung, Galaxy S21, Samsung Galaxy S21 Plus, Samsung Galaxy S21 Ultra, Samsung Galaxy S22, Samsung Galaxy S22 Plus, Samsung Galaxy S22 Ultra, Google Pixel 6, Google Pixel 6 Pro, Huawei P20 Pro, Huawei Mate 20 Pro, Huawei P30 Pro

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## More about viDoc RTK Rover



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## application

Energy Suppliers, Horticulture and Landscaping, Steel Construction, Indoor Mapping, Condition Assessment, Antenna Stations, Shaft Location and Backfill, L Support Wall-BIM, District Heating, Arts and more.

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## How to assemble a viDoc on your smartphone

When you purchase a viDoc RTK rover, you will receive a smartphone case. The viDoc scanner can be assembled on a smartphone. Below is the assembly procedure.



## viDoc rtk rover 3D scanner scan results



## How to use the vidoc rtk rover?

### 1. Capture

Capture assets using your smartphone with the PIX4Dcatch mobile app. For improved accuracy, add an RTK device.

## 2. Process

Automatically upload images to PIX4Dcloud for seamless processing, or import images from your phone into the PIX4Dmatic desktop app using the PIX4Dcatch processing template.

## 3.Export to CAD/BIM/GIS

Mark assets on PIX4Dsurvey as vectors in the point cloud and export them as DXF (for CAD) or SHP (for GIS).



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## Video introduction to Vi Handheld 3D Laser Scanner

The video is scheduled to be released on YouTube soon. Please contact us if you would like to know as soon as possible.

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## Q&A

Question 1: Where is your company? Can I visit your office?

Answer: Yes, our company is located in Shenzhen, Guangdong Province, China. You are welcome to visit us anytime. please [click here](#) To learn more about us.

Question 2: How can I buy this instrument?

Answer: For more information, please contact us at: We will reply as soon as possible.

Question 3: What is the lead time?

Answer: Lead time is approximately 1-2 weeks and depends on the quantity you purchase.

Question 5: Can I receive training on how to use it?

Answer: Yes, we usually provide online training and make sure all our clients can use our equipment.