



## Video Recording Instructions



*Congratulations on your decision to download PA Software's Pitch Analyzer Pro R1! These video recording instructions are intended to serve as a guide for setting up your recording device and to provide the best analysis conditions for our software.*

### Determining a Recording Location:

It does not matter if videos are recorded inside, outside, in a backyard, a bullpen, or on the field just as long as there is contrast between the ball and the backdrop behind the pitcher. This means either a bright ball and a dark backdrop, or a dark ball and a light backdrop. However, the best means of maximizing this contrast is to be in well-lit area, such as outside on a sunny day.

### Mounting Your Recording Device:

Before any videos are recorded, be sure to mount your recording device on a level, stable platform, such as a tripod. Although, you can hold your recording device in your hand, we recommend this is avoided if possible as the unstable nature of a hand held device will have a higher possibility of incorrect data measurements.

### Recording with an iPhone:

If recording with an iPhone, ensure the phone is mounted in the horizontal position, with the camera lens on top (refer to image). Do not record with the phone in an upright, vertical position.



### Camera Placement Behind Home Plate:

Your recording device has the flexibility of being placed almost anywhere behind home plate. However, depending where it is placed will enable, or disable, certain functionalities of the analysis software.

#### 1. Directly Behind Home Plate:

Setting up directly behind home plate will enable all analysis features of the Pitch Analyzer software and is recommended to for retrieving the most data from a pitch. The recording device should be placed approximately 6 – 6.5 feet behind the front of home plate. The height of the recording device will vary depending on the age group the pitcher is in, but is typically anywhere

between 3 – 4 feet high. With 3 feet being for younger athletes, and 4 feet being for older athletes.

2. To the Side of Home Plate:

Setting up to one side of home plate will limit the software's analysis to only pitch velocity and flight path. It does not matter if the recording device is placed behind, in line, or in front of home plate. However, we recommend the recording device be placed a couple feet behind the front of home plate, and about 4 – 6 feet to the left, or right of the center of home plate.

Pitcher Distance from the Recording Device:

There is no limitation on the maximum distance a pitcher can be from the recording device. If the pitcher is able to deliver a pitch on target, and in frame, the software will attempt to analyze it. However, there is a limitation on how close a pitcher can be to the recording device. We recommend the release point of a thrown ball not be any closer than about 35 feet. Being inside this distance greatly increases the chances of measuring bad data points.

Recording Video Clips:

Recorded video is to be shot at a minimum resolution of 1080p and 60 fps. Video is to be limited to short, individual clips. Pitch Analyzer does not have the capability of analyzing multiple pitches from one long single recording. There is not a limitation on the length of a video which can be recorded. Just keep in mind the longer the video clip, the longer the analysis of the particular clip may take.

Analyzing Recorded Video:

To analyze video clips from a bullpen session upload them into the Pitch Analyzer software for your desktop client. For instructions on how to operate the multiple functionalities within Pitch Analyzer Pro R1, refer to either the video, or print out instructions on our website ([www.pasoftware.us](http://www.pasoftware.us)).

*For any questions, or concerns on getting setup to record video clips for analysis in Pitch Analyzer Pro R1 simply drop us a line at [support@pasoftware.us](mailto:support@pasoftware.us).*