# Triangulate

Calculate focus **Distance** when the camera **height** is known, and either the **length** or **angle.**

Useful for determining focus Distance when subject is over water or over a cliff.

When the camera's on a crane:  enter the crane arm height, and distance of the subject from crane pedestal, to determine focus Distance.

Can also be used to calculate the **Image Circle** (diagonal, hypotenuse) of a camera format when its **vertical** and **horizontal** dimensions are entered.

Touch the appropriate button and enter its value.  Enter any 2 entries and the other 3 will be automatically calculated.

The 2 entered values will be in blue, and the results in black.

↻ button resets to default values.

URL scheme:  pcampro://Triangulate

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## Notes for all tools:

**Feet and Inches** are entered by selecting the single quote symbol to highlight feet and the inch symbol to highlight inches. (**Imperial** must be set in **Settings**). Use the +/- buttons for quick changes, and the arrow buttons to jump to the next field.

**Meters** are entered with a decimal point – i.e. 4.512. (**Metric** must be set in **Settings**).

For on-the-fly-conversion, **Units** can be temporarily changed via the keyboard to ft,in - ft - in - m - cm - mm or um.  After exiting the tool, however, this unit of measurement will revert back to the default Imperial or Metric length selected in Settings.

**Favorite Category and Widgets**

Add tools to the Favorite List by swiping left to right on Add tools to the Favorite List by swiping left to right on a tool in the list within pCAM app.

Your favorite tools will appear in the Favorite Category within pCAM, and also on Widgets on your device's Home Screen.

1) Perform a long press on the pCAM icon and your Favorite Tool List pops up.

2) Choose the small icon to display 4 of your Favorite tools. Choose large icon to display 8 of your Favorite tools.

3) On your device's Today View (swipe right on Home screen), and add a pCAM Widget to contain either 4 or 8 of your Favorite tools.

**Tips for using pCAM Pro on Silicon Macs:**

**To Download:**
Must be a Silicon Mac.
Go to the App Store on your Mac. Do a search entering “pCAM Pro,” then click on "iPhone & iPad Apps.” Download into your Mac’s Applications folder.

**To Best simulate iPad:**
1) Change pCAM Pro/Preferences on the Silicon Mac’s top menubar.
**General** - Change window size to either Smaller or Larger (default).
**Touch Alternatives** - Turn ON.
- Enables Muti-Touch for swiping and tapping.
- Drag enables your trackpad to pinch within Field of View Preview.

2) Rotate the app from Portrait to Landscape via the Mac’s menubar “View.” Can also be rotated by single clicking on a corner of the app and dragging to shrink or enlarge.

3) When entering a unit value in one of pCAM’s tools (i.e. Focal Length or Distance) an overlay will appear on the right side of pCAM Pro’s screen for Units, inches and feet, +/-, jumping between fields, etc.