Splits – Aperture Finder

Enter the **Focal Length**, **Far and Near** Subject Distances and the calculated result will be the minimum **Needed Aperture** to keep both subjects in focus. Displays where to **Set Lens Focus** on the lens barrel, and also the **Total Depth.**

It will display "below f/1" when it calculates below 1 f-stop, which means effectively that any aperture will work. It will display "Impossible aperture value" when the needed aperture is over 128 3/4.

Film tests or eye-focus should be used to verify results.

URL scheme: pcampro://SplitsApertureFinder



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.

Camera Formats
Updated automatically from a server. See “Cameras Updated” in Settings for date and time.

Add cameras to Favorite list by swiping left to right on a camera in the list.

Create a custom format: In Camera Formats pick any camera to use as a template, then the **Manage** button on top right. In Manage Custom Formats touch

the **+** button on top right. In Create Custom Format change any of fields and Save: Name – Category (Film, Video or Still) – Horizontal and Vertical – Circle of Confusion.

Create a custom CoC by switching on and entering a new value. Automatically turns off when selecting a new camera.

Focal Length entries in Depth of Field, Splits – Aperture Finder and Field of View are linked. Use option to unlink them in **Settings** if preferred.

Distance entries in Depth of Field and Field of View are also linked. Use option to unlink them in **Settings** if preferred.

Camera Formats are linked to Depth of Field, Splits - Aperture Finder, and Field of View. Changes to one also change in the other two.

Favorite Category and Widgets
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.