Field of View & Preview

Choose preferred camera sensor position – **Landscape** or **Portrait** by touching the rotation icon. The **Horizontal** and **Vertical** dimensions, plus the **Angle of View** automatically switch.

Touch None button to unlock **Distance** and **Focal Length**; then enter desired Focal Length and Distance.

Lock one of the remaining 3 buttons.
Most often it's the **Field of View** button used for finding matching lenses at different distances and keeping the same FoV.

Locking Field of View:
Changes to **Distance** will calculate the new **Focal Length** needed to keep the same **FoV**.

Changes to **Focal Length** will calculate the new **Distance** needed to keep the same **FoV**.

Locking the Distance button:
Changes to **Focal Length** will calculate the new **FoV** needed to keep the same **Distance**.

Changes to **FoV** will calculate the new **Focal Length** needed to keep the same **Distance**.

Locking the Focal Length button:
Changes to **Distance** will calculate the new **FoV** needed to keep the same **Focal Length**.

Changes to **FoV** will calculate the new **Distance** needed to keep the same **Focal Length**.

Angle of View is automatically calculated and displayed in upper left corner.

Preview

The upright position of the device is **Portrait** mode.

Rotate device to enter **Landscape** mode. The Horizontal and Vertical dimensions are automatically

switched. It works this way regardless which mode is chosen in FoV.

The Format, FoV, Distance and Focal Length chosen in FoV will carry over to Preview and changes to each will affect the other.

To resize the image by changing the **Distance**, tap screen and activate the Distance button on the drop down control. Pinch the image to dolly in or out (change Distance).

To resize the image by changing **Focal Length**, tap screen and activate the Focal Length button on drop down control. Pinch the image to zoom in or out (change Focal Length).

A new **Distance**, **Focal Length,** and **FoV Size** are displayed on the bottom left and they change real time as you pinch the image.

The **Center** button repositions and centers the illustration.
Choose **Mask** 95% - 92% - 90% to see the frame **Cropped** by 5%, 8%, or 10%.

Choose between the 8 various images for sizing a shot.
NOTE: These are vector illustration files that won't blur or pixelate when zoomed-in close, unlike photographs and rasterized image files.

Represented Sizes:
1 Shot. Height of man 5' 9" / 175.26 cm / 1.7526 m
2 Shot. Height of man 5' 9" / 175.26 cm / 1.7526 m
Sitting Shot. Men at table 4' 5" / 134.62 cm / 1.3462 m
Group Shot. Height center man 5' 9" / 175.26 cm / 1.7526 m
Car Side View. Height 4' 9" / 144.78 cm / 1.4427 m
Car Front View. Height 4' 9" / 144.78 cm / 1.4427 m
Cereal Box – Height box 11.8" / 29.972 cm / 0.2997 m
Wine Bottles – Wine bottle 12" / 30.48 cm / 0.3048 m

Exit Preview by touching screen, and then Done (√) button.

URL scheme: pcampro://FieldOfView



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.