HMI Flicker-free

Important Note: These flicker-free FPS rates and Shutter Angles are theoretical and to be absolutely sure of flicker-free results, shoot tests to verify accuracy. This is also true for the "Flicker-free" frame-rate cards that have been widely published and circulated.

In Addition: Make sure to change between 50hz or 60hz depending on the Power Frequency.

Touch the **Flicker-free Speed Table** button at the bottom for a list of theoretical flicker-free speeds at any shutter angle. This should be enough for most users.

In addition to these flicker-free speeds, also find various **Shutter Angles** that are theoretically flicker-free at odd Camera Speeds not found on the **Flicker-free Speed Table**.

Choose **Camera Speed** button underneath **Calculate** to calculate which Camera Speeds are flicker-free at

various Shutter Angles. Enter a new **Shutter Angle** in the entry box and the theoretical flicker-free **Camera Speeds** will be automatically calculated.

Choose **Shutter Angle** button underneath **Calculate** to calculate which Camera Speeds are flicker-free. Enter a new **FPS** in the box and the flicker-free **Shutter Angle** result will be automatically calculated.

The **peaks** represent the number of light peaks for every AC power cycle.

Whenever is entered a Camera FPS that is on the **Flicker-free Speed Table** it will display “Flicker-free at any Shutter" in the Shutter Angle's window.

URL scheme: pcampro://HMIFlickerFree



Notes for all tools:

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.