



# Thermal Camera Loan Program: Camera Operation

This thermal camera is compatible with the following iPhone models: SE, 7, 7 Plus, 6, 6 Plus, 5, and 5s. It is also compatible with the iPad Air, iPad Air 2, iPad Mini, iPad Mini 3, and iPad 4<sup>th</sup> Generation. For compatibility questions, contact FLIR ONE at 844-283-5471 or [FLIRONE-Support@flir.com](mailto:FLIRONE-Support@flir.com).

- 1) Download and open the FLIR ONE app on your iPhone.
- 2) Connect the camera to your phone facing out and press the camera's power button. The button's light will flash green when the device is ready. If you use a phone case, you will probably need to remove it.
- 3) If the camera does not turn on, you can charge it with the USB cable provided. The small light next to the power connection blinks while charging and stays on continuously when fully charged. The camera requires about an hour to fully charge.
- 4) The app opens to either the camera or home screen depending on if the camera is turned on. Use the Menu buttons to navigate between the two. To access the camera, FLIR requires that you create an account.
- 5) With the camera screen open, use the white circle to take pictures. Select the library button at the bottom left to view your photos. Swipe up or down on a photo to reveal the normal image.
- 6) For more information, refer to the Help section on the Menu drop down or the Trips and Tricks section on the home screen.



**TROUBLESHOOTING TIP:** If the camera does not seem to work, you can reset it by holding the power button down for 30 seconds. You can also try uninstalling the app, restarting your phone, and reinstalling the app.

Thermal and regular cameras

On/off button



Power cord connection with indicator light

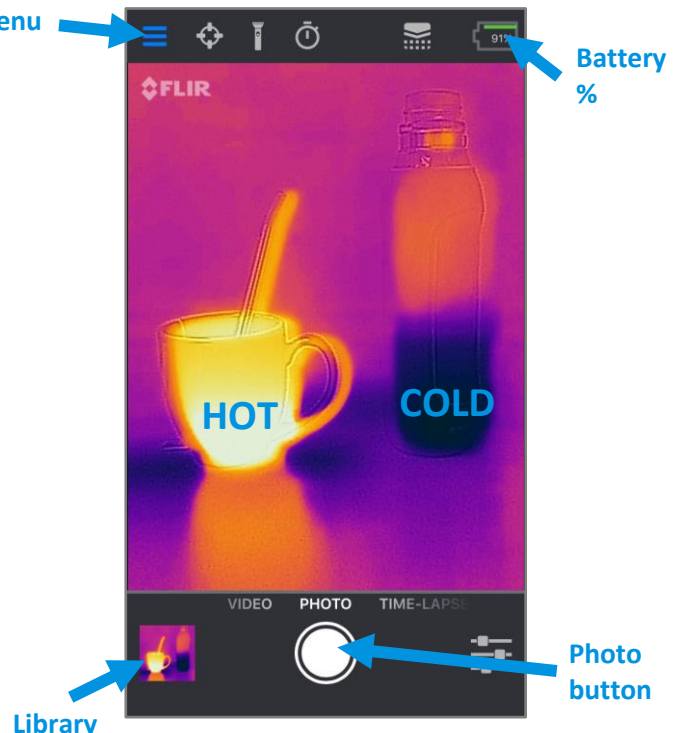
Model type

Connection to phone

Generation 2

Menu

Battery %



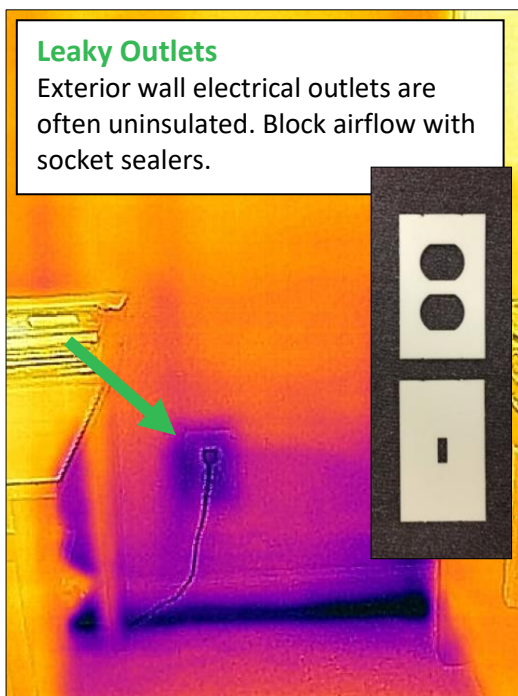
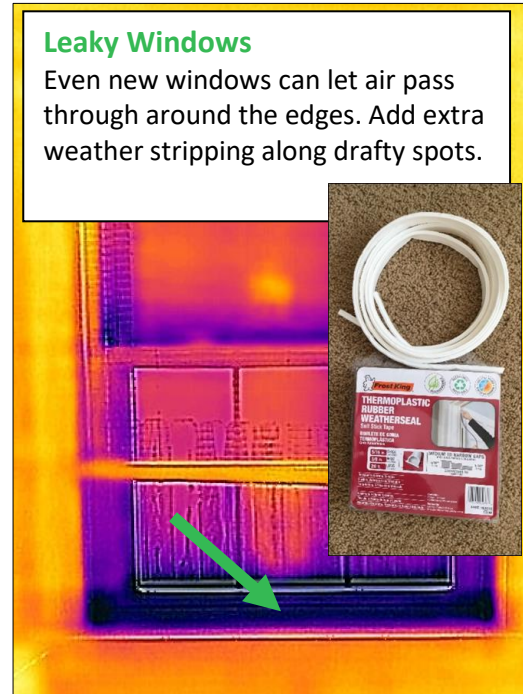
Library

Photo button

December 27, 2018

## Thermal Camera Loan Program: Energy Saving Opportunities

Thermal imaging cameras use color to show the relative temperature of objects: cold is purple, moderate is red, and hot is yellow. In the winter, purple spots inside your home indicate a lack of air sealing or insulation. In the summer, these spots would appear yellow instead. For the camera to function properly, make sure there is at least a 20-degree temperature differential between the inside and outside of your home.



For more energy saving opportunities that you can identify with a thermal imaging camera, and for before and after photos of the projects above, visit our website at [www.fairfaxcounty.gov/energy/energyactionfairfax/](http://www.fairfaxcounty.gov/energy/energyactionfairfax/).  
Questions or comments? Contact us at [energyactionfairfax@fairfaxcounty.gov](mailto:energyactionfairfax@fairfaxcounty.gov).