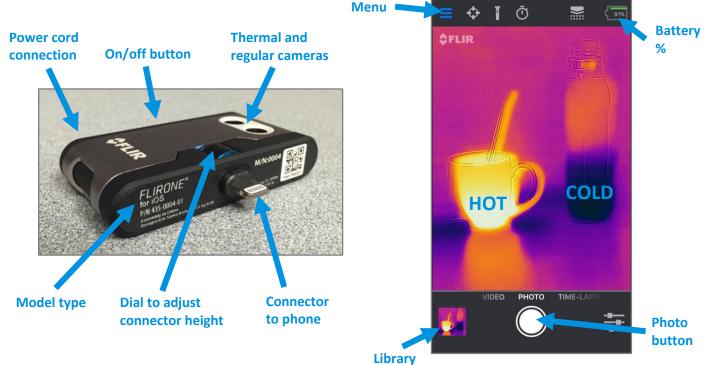# Thermal Camera Loan Program: Camera Operation

This thermal camera is compatible with the following iPhone models: SE, 7, 7 Plus, 6, and 6 Plus. It is also compatible with the iPad and iPad Mini. For compatibility questions, contact FLIR ONE at 844-283-5471 or 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 have a phone case, use the blue dial to adjust the connector height as needed.

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.
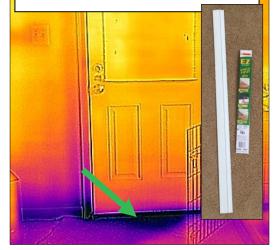
Menu

Battery %

Power cord connection

On/off button

Thermal and regular cameras

HOT

COLD

Model type

Dial to adjust connector height

Connector to phone

VIDEO   PHOTO   TIME-LAPSE

Photo button

Library

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.
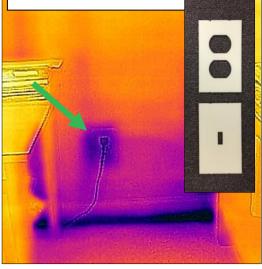
Drafty Door
Drafts often occur underneath doors. Add door sweeps to both regular and screen doors and check that existing door sweeps are in good condition.
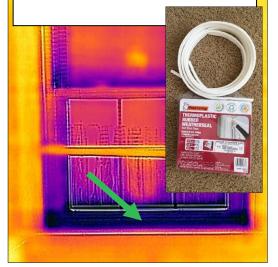
Leaky Windows
Even new windows can let air pass through around the edges. Add extra weather stripping along drafty spots.

Leaky Outlets
Exterior wall electrical outlets are often uninsulated. Block airflow with socket sealers.

Electronics on Standby
Electronics can still use electricity when not being used. Install a smart power strip to stop electricity from flowing to unused devices.

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/. Questions or comments? Contact us at energyactionfairfax@fairfaxcounty.gov.

To request reasonable ADA accommodations, call the Department of Cable and Consumer Services at 703-324-5955, TTY 711.