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Using the FLIR thermal imaging camera

A simple guide to getting started

The thermal imaging camera connects to a smartphone or tablet. You can use it to take thermal images around your home and identify areas where heat may be escaping.

The camera works with compatible devices using iOS 18 or Android 14 and above and requires Bluetooth connectivity to be enabled.

What you will need before you start

You will need:

- your thermal imaging camera
- a compatible smartphone or tablet
- the FLIR ONE app

Step by step user guide

Step one. Download the app

Download the FLIR ONE app, developed by FLIR Systems, from your usual app store.



Step two. Position the camera

Place the FLIR Edge camera close to your phone or tablet.

If you are using a smartphone, you can attach the camera to the back of the phone.

Pull out the extending arm until the camera fits securely around the device.



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Take care: do not pull the extending arm out as far as it will go. This could damage the equipment.

Step three. Turn the camera on

Press and hold the on/off button.

Release the button as soon as the lights start flashing.

The flashing lights mean the camera is starting. This takes about 20 seconds. The lights will stay on when the camera is ready to use.

Step four. Connect your camera

Open the FLIR ONE app.

The app will guide you through connecting the camera to your phone or tablet and choosing your settings.

Step five. Take your thermal images

You can now use the camera and app to take thermal images around your home.

Images taken using the camera will be stored on your phone or tablet.

Need help knowing what to look for?

The FLIR ONE app includes Inspection Guides with helpful tips on what to look out for.

You can compare your findings with examples of typical faults to help you understand what you are seeing.

Step six. When you have finished

To turn the camera off, press and hold the on/off button until the lights turn off.

You can use the thermal imaging camera for the full seven-day loan period.



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If you finish using the camera earlier, you can return it to the same library you collected it from. Before making a special journey, check your library's opening times by visiting kent.gov.uk/findalibrary

Please return the camera and all the items supplied with it.

Understanding your thermal images

Thermal images can help you identify areas of your home where heat may be escaping.

Once you have identified these areas, you can find advice about changes that may help make your home more energy efficient, reduce your energy bills and help reduce carbon emissions.

Find energy saving advice

Kent County Council Household energy advice: www.kent.gov.uk/leisure-and-community/cost-of-living-support/household-energy

Government advice: www.gov.uk/improve-energy-efficiency

Need help with the camera?

For instructions and product information, visit the FLIR Edge online user manual: support.flir.com/resources/99yx

For technical problems or troubleshooting, visit the FLIR Support Centre: support.flir.com

FLIR also provides video guides on its YouTube channel: youtube.com/@Flir