

# FLIR® ONE Fast Facts & Specs

The Next Generation FLIR ONE for Android and FLIR ONE for iOS

## FAST FACTS



- With the ability to see what the naked eye can't, the FLIR ONE™ for Android and FLIR ONE for iOS provide thermal images of minute temperature differences, giving users the power to see in the dark, observe invisible heat sources, compare relative temperatures, and see through light fog and smoke.
- FLIR ONE for Android and Apple products is an attachment that connects to mobile devices via either micro-USB (Android) or lightning connector (Apple). Once connected, FLIR ONE displays a live thermal image of the world around you right on the phone's screen and can capture both still images and videos as well as panorama images and time-lapse videos.
- FLIR ONE employs both a standard camera and a powerful thermal camera. Combined with FLIR's patented MSX® technology, FLIR ONE provides enhanced thermal images with richer, crisper detail than ever before at 640x480 resolution.
- Created to enhance the FLIR ONE device experience, the FLIR ONE App, available for free at the Apple App Store and on Google Play, provides a simple and intuitive user interface with a variety of functions that make it easy to collect and share thermal images. It can load captured images directly to the camera roll and allows users to easily share on Facebook, Twitter, Instagram, and other social media channels.
- FLIR ONE is powered by its own internal battery and does not affect the battery of the connected device.
- A FLIR ONE software developer kit (SDK) for iOS was released in December and is updated for the next generation device. A beta SDK for the Android version is available with a full release expected in July.
- Connect with FLIR ONE at [facebook.com/flirone](https://facebook.com/flirone), [instagram.com/flirone](https://instagram.com/flirone), [twitter.com/flir\\_one](https://twitter.com/flir_one), and [youtube.com/flirseetheheat](https://youtube.com/flirseetheheat).

## TECH SPECS

- Scene temperature range: -4°F to 248°F (-20° to 120°C)
- Operating temperature: 32°F to 95°F (0°C to 35°C)
- Weight: 2.75 ounces, 32 grams
- Dimensions: L 2.8 inches (72mm) x W 1 inch (26mm) x H 0.7 inches (18mm)
- Battery capacity: 350 mA/h. FLIR ONE neither consumes power from the connected device battery, nor charges it. When inactive, FLIR automatically switches to low-power mode to maximize its battery life.
- Visible camera: VGA (used for FLIR® MSX® blending)
- Sensitivity: ability to detect temperature differences as small as 0.18° F (0.1° C)
- Charging method: micro-USB (Android) and lightning connector (Apple) paired with 1A wall charger
- Device compatibility: Android products containing a micro-USB and Apple products containing a lightning connector, including iPhone 6 and 6 plus, among others.
- Included accessory: charging cable (either micro-USB or lightning connector)
- Certifications and standards: Mfi (iOS Only) FCC, CE, RoHS, CAN ICES-3 (B)/NMB-3(B), UL

## FLIR ONE APP

- Color palettes (Iron, Gray, Rainbow, Contrast, Arctic, Lava, Wheel, Coldest, Hottest)
- MSX blending (adds visible spectrum detail to thermal images and enhances resolution)
- Features include FLIR ONE Panorama™, FLIR ONE TimeLapse™, and FLIR ONE CloseUp™ functions. FLIR ONE Paint™ remains a separate app.
- Still image capture
- Video capture (.mov format)
- °F and °C temperature readout (spot meter)
- Easy sharing (Twitter, Facebook, Instagram, e-mail, SMS, etc.)
- Copy images to camera roll
- Battery charge monitor
- Automatic thermal shutter

