



# FLIR ONE™

## FAST FACTS

- With the ability to see what the naked eye can't, FLIR ONE™ provides a thermal image 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 iPhone5 and 5s fits on the phone like a protective case, displays a live thermal image of the world around you right on the phone's screen and captures still images and videos.
- FLIR ONE uses both a Lepton™ thermal camera and a standard camera. Combined together with FLIR's patented MSX® technology, FLIR ONE provides enhanced thermal images with sharp detail. Created to enhance the FLIR ONE device experience, the FLIR ONE App, available on the Apple App Store for free provides a simple and intuitive user interface with a variety of functions that make it easy to collect and share compelling and useful 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, among many other features.
- FLIR ONE houses its own battery source that can power the device for approximately four hours of continuous use.
- FLIR ONE is the first personal thermal imaging device for the iPhone, available for less than \$350. FLIR ONE for select Android™ models will be available in 2015.
- FLIR ONE is available in Space Gray, with additional colors available later in 2014.
- A software development kit is available to a limited group of participants in our Early Developer Program. Once beta testing is complete, a wider release of the SDK will be offered to qualified developers.
- 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).



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## TECH SPECS

### FLIR ONE CAMERA

- Scene range temperature: 32°F to 212°F (0°C to 100°C)
- Operating temperature: 32°F to 95°F (0°C to 35°C)
- Weight: 3.9 ounces, 110 grams
- Dimensions: L 5.5 inches (140 mm) x W 2.4 inches (61 mm) x H 0.85 inches (22 mm)
- Battery capacity: 1400 mA/h (maximum thermal imager battery life is approximately four hours continuous use. FLIR ONE does not consume power from the iPhone battery, nor does it charge the iPhone battery)
- Core: FLIR Lepton™ thermal camera core
- 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 and 1A wall charger (charges FLIR ONE only)
- iPhone compatibility: iPhone5, iPhone5S running iOS 7 or above
- The FLIR ONE app is available for download from the Apple App Store. Additional apps will be available in August; FLIR ONE Panorama™, FLIR ONE Timelapse™, FLIR ONE Paint™, and FLIR ONE CloseUp™
- Included accessories: USB charging cable, iPhone case, and jack audio adapter.
- Certifications and standards: FCC, CE, RoHS, CAN ICES-3 (B)/NMB-3(B), UL

### FLIR ONE APP

- Color pallets (B/W, W/B, Rainbow, Contrast, Arctic, Hot/Cold, Iron)
- MSX Blending (adds visible spectrum detail to thermal images and enhances resolution)
- Still image capture
- Video capture (.mov format)
- °F and °C temp readout (spot meter)
- Frictionless Sharing (Twitter, Facebook, e-mail, SMS, etc.)
- Copy images to camera roll
- Battery charge monitor

