

# Compact

THERMAL IMAGING CAMERA  
DESIGNED FOR YOUR SMARTPHONE

## KEY CAMERA SPECS

206 x 156 Thermal Sensor

36° Field of View

-40° F to 626° F Detection Range

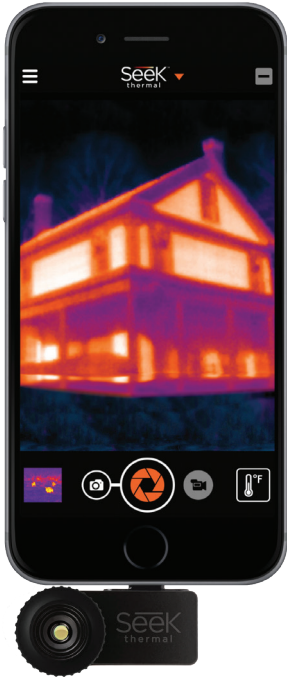
1,000 ft Distance

Works Day & Night

Waterproof Carrying Case

Seek  
thermal

thermal.com



Designed to work with both iPhone and Android top models, Seek Compact is the ideal quick connect-and-detect thermal imaging device. Highly portable and easy to carry, it combines powerful thermal imaging with a 206x156 sensor, and a 36-degree wide field of view lens for optimal results, especially indoors. Using its adjustable focus, it can detect anywhere from just a few inches to 1,000 feet away. It does not require a battery or charging. Seek Compact uses advanced infrared technology to let you see thermal images in day or night right on your smartphone screen. It even comes with its own waterproof carrying case.

Designed and Manufactured in Santa Barbara, California with Global Components.

Product Name:	Seek Compact
Available Date:	September 2014
Product Type:	Thermal Imaging Camera Made for Smartphones
Seek Compact Made for iPhone:	UPC: 855753005143 Part Number: LW-AAA
Seek Compact Made for Android:	UPC: 855753005136 Part Number: UW-AAA
Export Regulations	Subject to US Export Regulations

Single Unit	
Included in the box:	<ul style="list-style-type: none"><li>• Seek Compact</li><li>• Waterproof Carrying Case</li></ul>
Device Dimensions (H x W x D)	1 x 1.75 x .8 inches
Device Weight:	.5 ounces
Box Dimensions (H x W x D)	7 x 3.75 x 1.25 inches
Box Weight:	8.3 ounces
Master Pack	
Included in the Master Pack	80 Units
Master Pack Dimensions	20 x 15 x 16 inches
Master Pack Weight	45 pounds

## KEY FEATURES

### Easy to Use Indoor Versatility

Wide, 36° field of view quickly scans the inside of any room

### High-Performance Thermal Sensor

206 x 156 thermal sensor accurately identifies areas of heat loss and gain

### Best in Class Temperature Range

Measure temperatures from -40° to 626°F (-40° to 330°C)

### Customize, Record and Share

Intuitive, free mobile app available on Google Play and iTunes App Store

### Focusable Lens for Quick Identification

Aim and focus from 6 inches to 1,000 feet (300 meters) for the sharpest image

### Waterproof Case that Protects

Comes with its own waterproof case to withstand the elements

## BENEFITS & USES

### Connect-and-Detect Convenience

Pocket-sized, highly portable, and easy to use

### Easily Monitor Home and Building Efficiency

Quickly spot energy loss and HVAC issues

### Accurately Inspect Mechanical and Electrical Equipment

Diagnose and assess the problem source quickly

### Work Smarter

Be more efficient by utilizing the power of your smartphone

### Time of Day Won't Slow You Down

Safely examine any job site in daylight or total darkness

### Easily Document and Share

Record images and video of home inspections for easy documentation

1.888.610.7664



www.calcert.com

sales@calcert.com

## TECHNICAL SUMMARY

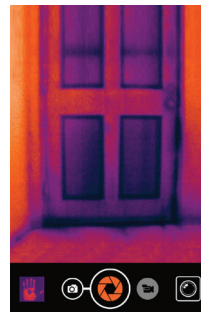
SPECIFICATIONS	DESCRIPTION
Thermal Sensor	206 x 156
Detection Distance	1,000 Feet (330 Yards, 300 Meters)
Field of View	36 Degree FOV
Temperature Range	-40°F to 626°F (-40°C to 330°C)
Frame Rate	< 9 Hz
Focus	Adjustable Focus
Lens Material	Chalcogenide
Microbolometer	Vanadium Oxide
Pixel Pitch	12 Microns
Spectral Range	7.5 - 14 Microns
User Interface	Free Seek Thermal Mobile App
Temp. Display Scale	Fahrenheit or Celsius
Color Palettes	9 Options
Storage Media	Stores Directly to Smartphone
Battery	Powered by Smartphone. Consumes up to 280 mW
Phone Compatibility	iPhone® and Android™

For support and user guides visit [support.thermal.com](http://support.thermal.com)

## KEY SPECIFICATIONS

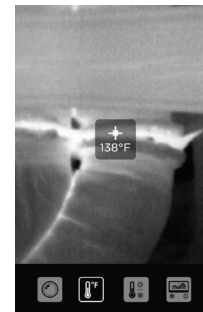
206 X 156 Thermal Sensor	36° Field of View	-40 to 626°F Detection Range	1,000 ft Distance	Waterproof Carrying Case
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## USER INTERFACE



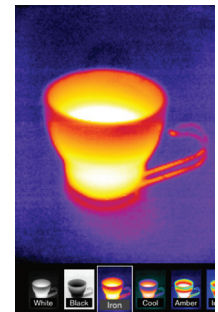
### PHOTO & VIDEO

Capture and share thermal photos and videos



### THERMOGRAPHY

Display temperature readings in three modes: Spot, Hi/Low, & Threshold



### COLOR PALETTES

Customize your experience with a variety of color palettes

## DEVICE COMPATIBILITY

Compatible with latest iOS and Android smart phones and tablets

▶ See list of minimum system requirements at [thermal.com/supported](http://thermal.com/supported)

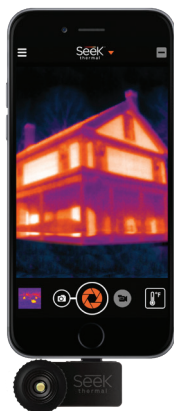
## SEEK THERMAL APP & SOFTWARE

The free Seek Thermal app allows you to customize your experience, record images and videos directly to your smartphone, and easily share them.

▶ Get started at [thermal.com](http://thermal.com)



## PRODUCTS



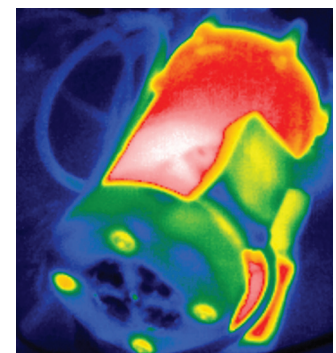
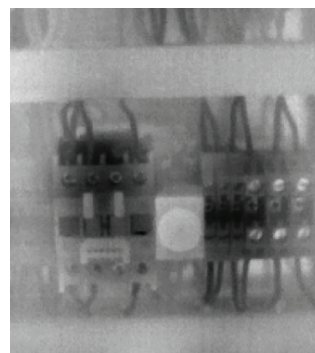
Made for iPhone



Micro-USB



USB Type-C



Seek more at [thermal.com](http://thermal.com)

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Seek Thermal engineers, designs and manufacturers high quality thermal imaging products and core platforms for consumer, commercial, and heat sensing IoT data applications. With headquarters in Santa Barbara, California, the global hub of thermal imaging innovation, the company has developed breakthrough thermal imaging camera cores that will enable a range of