

# 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<sup>™</sup>  
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<br>Made for Smartphones |
| Seek Compact<br>Made for iPhone:  | UPC: 855753005143<br>Part Number: LW-AAA       |
| Seek Compact<br>Made for Android: | UPC: 855753005136<br>Part Number: UW-AAA       |
| Export Regulations                | Subject to US Export<br>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

## 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



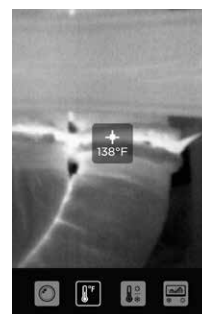
**Waterproof**  
Carrying Case

## USER INTERFACE



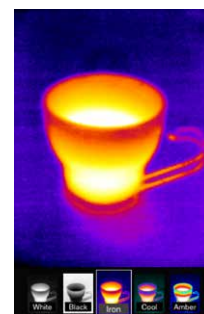
### PHOTO & VIDEO

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

Available for iPhone® and Android®  
Compatible with top smartphones and tablets

▶ See list of compatible devices 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)



## PRODUCT ASSETS



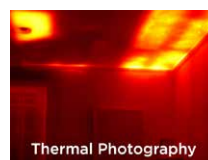
Engaging POP



Product Videos



Instructional Videos



Thermal Photography



Product Photography



Testimonials & Reviews

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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 affordable products for use at home, work and play. For more information visit [thermal.com](http://thermal.com) and follow #seekthermal on Instagram and @seekthermal on Twitter.