

# CompactXR™

LONG-RANGE THERMAL IMAGING CAMERA  
DESIGNED FOR YOUR SMARTPHONE

## KEY CAMERA SPECS

- 206 x 156 Thermal Sensor
- 20° Field of View
- 40°F to 626°F Detection Range
- 1,800 ft Distance
- Works Day & Night
- Waterproof Carrying Case

Seek<sup>™</sup>  
thermal

thermal.com



The Seek CompactXR is the only long-range thermal imaging camera designed for your smartphone. Its highly portable design fits in your pocket for easy connect-and-detect convenience. The CompactXR delivers powerful thermal imaging through its advanced 206x156 thermal sensor, engineered with the same military-proven technology the pros use. Its 20-degree narrow field of view allows it to detect heat signatures up to 1,800 feet away. It does not require a battery or charging. Seek CompactXR uses advanced infrared technology to let you see thermal images, 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 CompactXR                                 |
| Available Date:                     | January 2015                                   |
| Product Type:                       | Thermal Imaging Camera<br>Made for Smartphones |
| Seek CompactXR<br>Made for iPhone:  | UPC: 855753005068<br>Part Number: LT-AAA       |
| Seek CompactXR<br>Made for Android: | UPC: 855753005020<br>Part Number: UT-AAA       |
| Export Regulations                  | Subject to US Export<br>Regulations            |

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| Single Unit                   |                                                                                                     |
| Included in the box:          | <ul style="list-style-type: none"><li>• Seek CompactXR</li><li>• Waterproof Carrying Case</li></ul> |
| Device Dimensions (H x W x D) | 1 x 1.75 x 1 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

### Built for Long-Range Detection

Narrow, 20° field of view quickly scans up to 1,800 feet (550 meters)

### High-Performance Thermal Sensor

206 x 156 thermal sensor accurately identifies heat signatures

### 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 1,800 feet 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

### Keep An Eye on Things—Even Those You Can't See

It's a lot easier to stay safe when you can see in the dark

### Quickly and Accurately Scout Terrain

Day or night, camouflage won't hide a heat signature

### Never Lose an Animal

Easily recover and rescue animals

### Safeguard Buildings, Land, and Borders

Military-proven surveillance technology on your smartphone

### Document your Thermal Discoveries

Record images and video of adventures for easy sharing

## TECHNICAL SUMMARY

| SPECIFICATIONS      | DESCRIPTION                                  |
|---------------------|----------------------------------------------|
| Thermal Sensor      | 206 x 156                                    |
| Detection Distance  | 1,800 Feet (600 Yards, 550 Meters)           |
| Field of View       | 20 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



**20°**  
Field  
of View



**-40 to 626°F**  
Detection  
Range



**1,800 ft**  
Distance



**Waterproof**  
Carrying Case

## USER INTERFACE



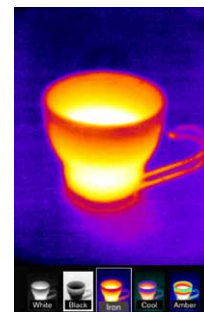
### PHOTO & VIDEO

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)

Download on the  
**App Store**

GET IT ON  
**Google play**

## 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.