

# CompactPRO XR

LONG-RANGE THERMAL IMAGING  
CAMERA FOR YOUR SMARTPHONE

## KEY CAMERA SPECS

320 x 240 Thermal Sensor

24° Field of View

-40 to 626F Temperature Range

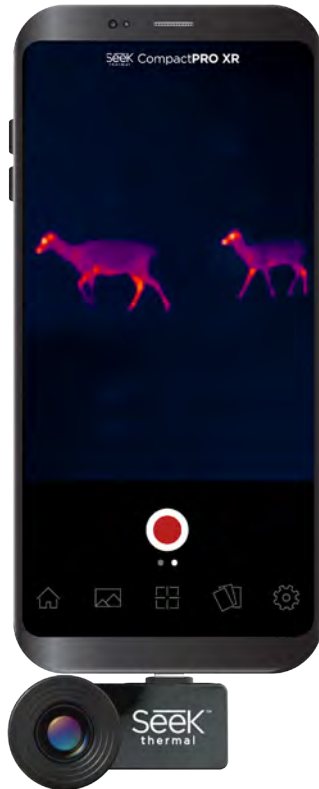
12 inches to 2,400 feet Distance

Works Day & Night

Waterproof Carrying Case

seek<sup>®</sup>  
thermal

thermal.com



CompactPRO XR is our longest-range and highest resolution thermal imaging camera designed for your smartphone. The portable, battery-free design features a 320 x 240 sensor paired with a high-quality 9.1 mm focal length lens which can detect heat signatures up to 2,400 ft (750 m) away. Fully customize your thermal image with adjustable thermal Span & Level and emissivity settings, along with a choice of 10 different color palettes. CompactPRO XR delivers affordable, long-distance detection with improved clarity and go-anywhere portability for whatever the mission holds.

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



USB TYPE-C

## KEY FEATURES

### Built for Long-Range Detection

24° field of view detect targets up to 2,400 feet (750 m)

### 320 x 240 High-Resolution Thermal Sensor

76,800 temperature pixels for maximum image clarity and sensitivity

### Focusable, High-Quality Lens

9.1 mm focal length lens with f/1.0 aperture for improved clarity

### Low Power Consumption

Battery free design uses the power of your smartphone <0.28 Watts

### Adjustable Emissivity

Calibrate for reflective surfaces when accuracy is critical

### 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

### See Further and Clearer

Detect targets from far distances with maximum performance

### Increase Your Visual Perception and Awareness

Find people and animals at dawn, dusk, and over long distances where visible light is limited.

### See More Thermal Detail Where You Need it Most

Level and span controls let you isolate and capture the details that matter

### 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 industrial inspections for accurate documentation

## TECHNICAL SUMMARY

SPECIFICATIONS	DESCRIPTION
Thermal Sensor	320 x 240 (76,800 pixels)
Detection Distance	12 inches to 2,400 feet
Field of View	24 Degree FOV
Temperature Range	-40°F to 626°F
Frame Rate	< 9 Hz
Focus	Adjustable Focus
Lens	9.1mm f/1.0
Microbolometer	Vanadium Oxide
Thermal Sensitivity	< 70 mK
Spectral Range	7.5 - 14 Microns
User Interface	Free Seek Thermal Mobile App
Temp. Display Scale	Fahrenheit, Celsius, or Kelvin
Color Palettes	10 Options
Storage Media	Stores Directly to Smartphone
Battery	Low power provided by smartphone (280 mW)
Phone Compatibility	Android™ models with USB-C power port

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

## MOBILE APP

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

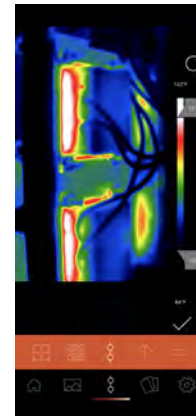


## USER INTERFACE



### PHOTO & VIDEO

Capture and share thermal photos and videos



### SPAN & LEVEL

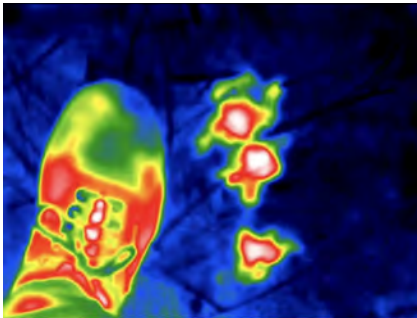
Isolate and capture the thermal details that matter



### EMISSIVITY

Calibrate for reflective surfaces when accuracy is critical

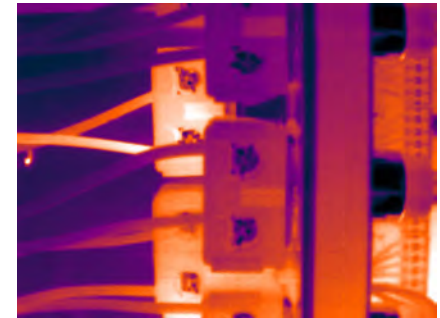
## THERMAL APPLICATIONS



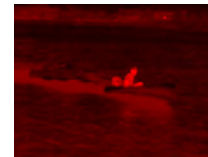
OUTDOOR



MARITIME



INSPECTION



[thermal.com](http://thermal.com)

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Seek Thermal engineers and manufactures affordable, high-resolution thermal imaging cameras and OEM thermal cores. Founded by industry pioneers who spent 40 years advancing the state of military and professional-grade thermal technologies, Seek Thermal has developed a breakthrough line of products at competitive price points making this technology more accessible to manufacturers and end users. The company's products serve the firefighting, law enforcement and commercial markets, among others, under its own brand and OEM offerings.