Unparalleled combination of excellent performance and affordability in a portable, lightweight device

Why Stay in the Dark?

Therm-App® PRO improves effectiveness in the field, providing clear images in total darkness—delivering mission critical information which can save lives. The compact and lightweight camera with interchangeable lenses enables users to record and immediately share high-quality thermal images and videos. Connecting to most Android smartphones, it offers superb image quality and low power consumption.

Long range detection
Detect human size targets up to 950m
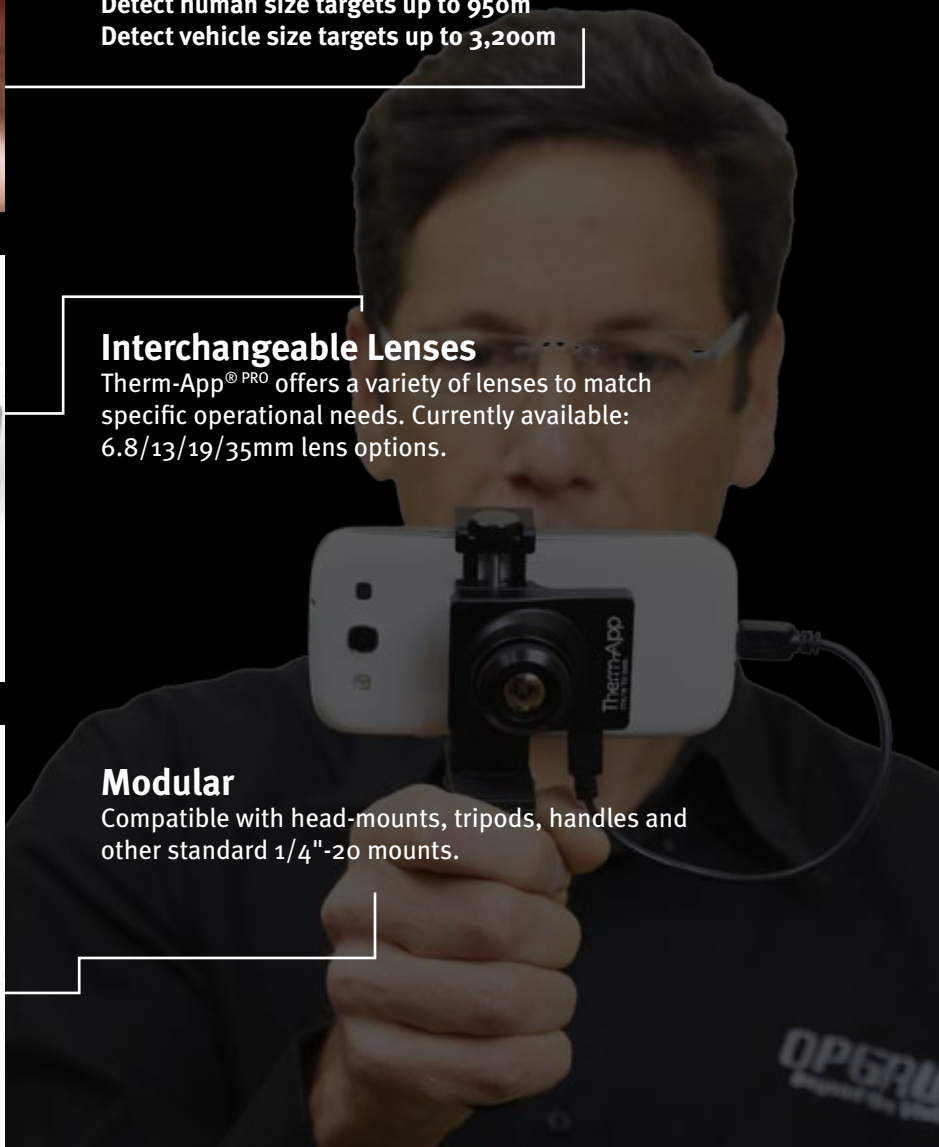Detect vehicle size targets up to 3,200m

Interchangeable Lenses
Therm-App® PRO offers a variety of lenses to match specific operational needs. Currently available: 6.8/13/19/35mm lens options.

Modular
Compatible with head-mounts, tripods, handles and other standard 1/4"-20 mounts.
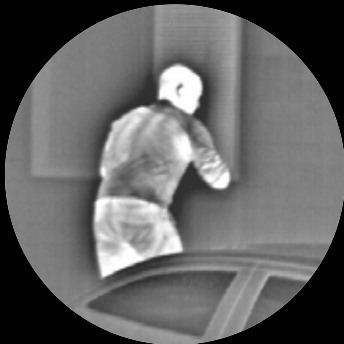
Improve situational awareness and enhance safety with long-range detection and recognition capabilities.

Security
See the unseen while on routine perimeter patrol, securing a facility, or identifying potential threats in dark or badly lit areas. It's easier to control and secure a perimeter, by obtaining clear images of people, animals, or vehicles at the scene.

Law Enforcement
Improve situational awareness and enhance safety while on patrol, responding to distress calls, exiting patrol vehicles, and entering buildings. Identify perpetrators trying to avoid detection or fleeing the scene.

Wildlife
Obtain a clear view of animals in the wild, irrespective of lighting or weather conditions— through high grass, dense brush, or forested areas.

Search and Rescue
Locate injured or unconscious people on land or in water, in any weather or environmental conditions such as fog or smoke. Detect signs of life even in thick foliage or wooded areas, day or night.

Therm-App®ᴾᴿᴼ Technical Specifications

Smartphone	
Minimal Requirements	Quad-core, 2200 MHz, Kryo, 64-bit, supporting USB OTG
Hardware	
Imager	640 x 480 microbolometer LWIR 7.5 -14um
Optics	6.8mm lens (55° x 41°) 13mm lens (29°x 22°) 19mm lens (19°x14°) 35mm lens (11° x 8°)
Focus	Manual, 0.2m to infinity
Frame Rate	25Hz
Weight	138 grams / 4.86 ounces
Size	55 x 65 x 40mm (2.16 x 2.55 x 1.57in)
Operating Temperature	-10°C to +50°C (14°F to +122°F)
Storage Temperature	-20°C to +50°C (-4°F to +122°F)
Power Supply	No battery, 5V over USB OTG cable, power consumption < 1.2W
Certifications	CE, FCC, RoHS
Encapsulation	IP54
Mount/Handle	Ergonomic handle, using 1/4"-20 standard tripod mount
Device Attachment	Clip-on for smartphone (5 -10cm span)

Measurement	
Resolution	640 x 480 pixels (>300,000 pixels)
Sensitivity	NETD <0.03°C
Software	
Viewing Modes	• Night Vision • Thermography (Basic)
Output	Video & Audio (h.264), Snapshot
Instant Share	Email, SMS
Android Share	Via media gallery
Color Palettes	Hot White / Hot Black / Iron /Rainbow / Grey / Vivid / PSY / Lava / Green
Zoom	Continuous digital zoom using touchscreen
Software and feature updates	Yes (via Google Play)
Maintenance	Bad pixel repair utility

[**At night, or in poor visibility conditions, Therm-App®ᴾᴿᴼ gives you the full picture.**]