

InfiRay® T2 Thermal Camera for Smartphone

150m, Ultra-far Night vision



6 Core Technologies

150m

Ultra-far detecting

**9mm Lens, 12 μ m
thermal detector**

> 13mm Lens,
17 μ m thermal detector

Hot spot tracking

Locate thermal target

Matrix III

Unique image processing

**InfiRay[®] High
Quality sensor**

12 μ m 256x192

**Patented image
algorithm**

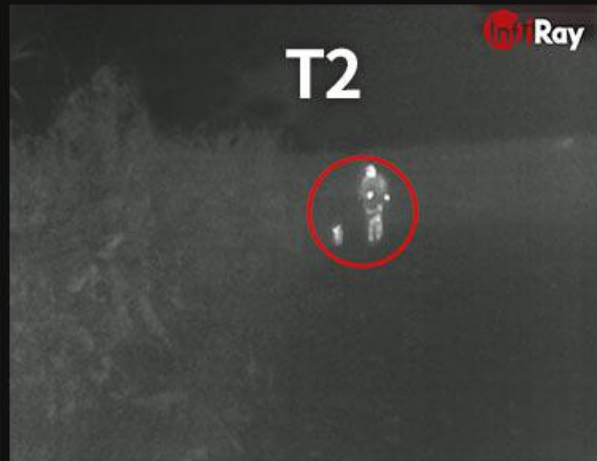
Clear and detailed image

150m See Through The Darkness

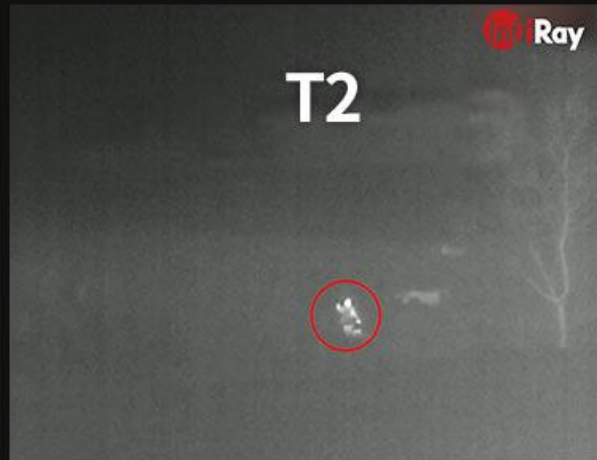
Compared in 30m



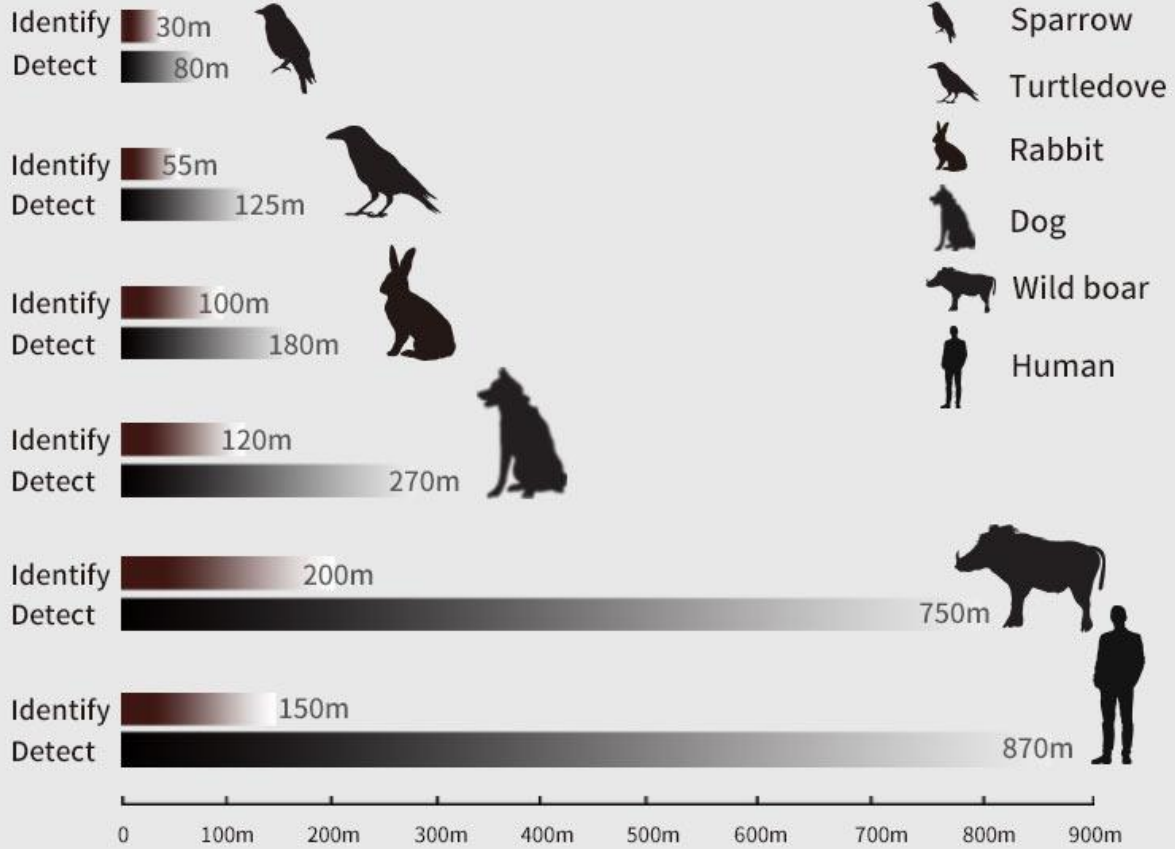
Compared in 60m



Compared in 140m



Observing Distance



Applications

01

Wild
Survival



02

Searching &
Tracking



03

Short Video &
Live Stream



04

Animal
Observation



Core Advantages



Leading Manufacturer
Of Outdoor Thermal Imagers



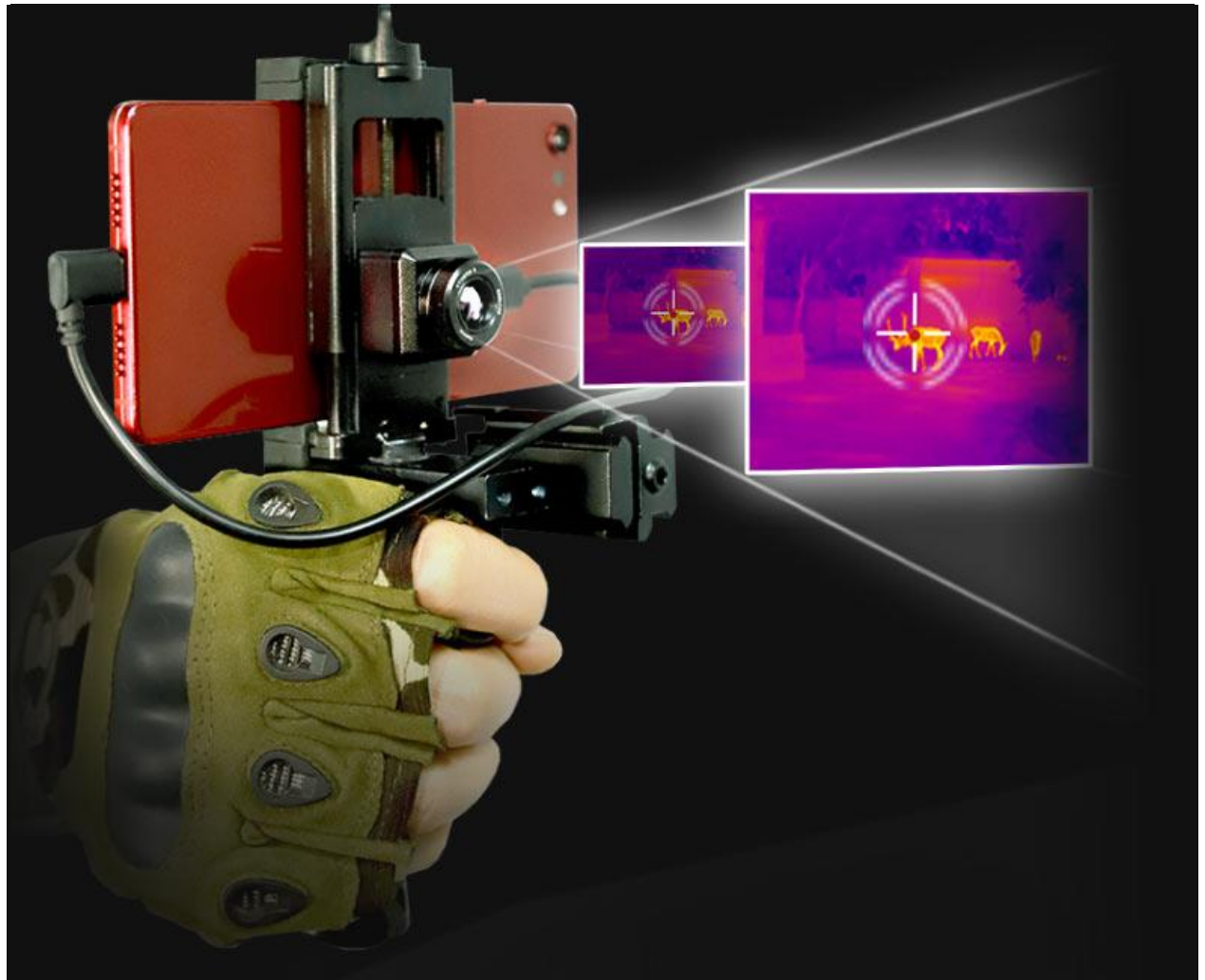
Matrix III Patented Image Algorithm

Ultra-clear



Quick Targeting

Laser pointer + reticle + hot spot tracking
(laser pointer and reticle are optional)





Specifications

Model	T2 Search
Resolution	256×192
Pixel pitch	12 μ m
Spectral Band	8~14 μ m
Focal length	9.0mm
FOV	19.6°×14.7°
Focusing mode	Manual
Frame rate	25Hz
NETD	≤50mk
MRTD	≤500mK
Operating temperature	-10°C~+ 50°C
Power consumption	< 350mW
Weight (with lens)	<20g
Dimension (with lens)	26mm×26mm×26.6mm
Supported system	Android 6.0 and above*
Image enhancement	Digital detail enhancement (DDE)
Reticle	Support, with hot/cold spot tracking
Color palette	White hot, black hot, red hot, and other pseudo colors
Secondary development	Provide SDK for secondary development
Magnification	Support 1×~4× continuous digital zoom
Video saving	Support photo and video saving
APP updating	Support APP online updating

Product consulting

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IMAGERS

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MODULES

[Micro III Thermal Imaging Module](#)

[Mini Thermal Imaging Module](#)

[LT Temperature Measurement Module](#)

[FT Alarming Thermal Imaging Module](#)

[Phoenix Cooled MWIR Imaging Module](#)

APPLICATIONS

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