

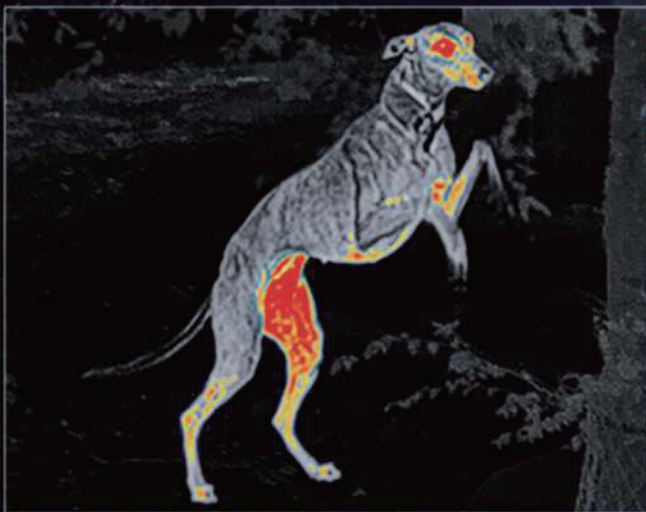
# Night Vision Eye



## Wilderness Survival

Smartphone thermal imaging with  
the highest resolution to date

T3 Thermal Imaging  
Night Vision Device



1340m

Ultra-far  
Night Vision

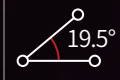
19mm

Large Lens,  
Adjustable



384×288

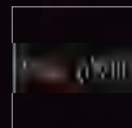
Wide FOV,  
No Dizziness



17 $\mu$ m High  
Definition



Hotspot  
Tracking



Patented  
Image  
Algorithm

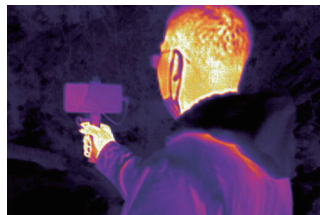
## Application Fields



Wilderness Search  
and Rescue



Animal  
Observation



Security  
and Patrol



Riding  
and Camping

## Specifications

Model	T3
Resolution	384×288
Pixel Pitch	17μm
FOV	19.5°×14.7°
Frame Rate	25Hz
NETD	≤50mK@25°C,F#1.0
MRTD	≤400mK@25°C,F#1.0
Recommended Operating Temperature	-10°C~+50°C
Measurement Range	0°C~+80°C
Measurement Accuracy	±3°C
Temperature Correction	Manual/Automatic
Power Consumption	<500mW
Weight	<40g
Dimensions	49.5×26×30mm
Supported OS	Android、HarmonyOS
Image Enhancement	Digital detail enhancement
Image Correction	Manual
Palette	White-hot/black-hot/red-hot/multiple palettes
Secondary Development	SDK available
Cross Cursor	Reticle and hotspot tracking
Video Storage	Photo and video storage

The information is for illustrative purposes only. The pictures and technical specifications are subject to changes without notice.

## About Us

Xinfrared, InfiRay and InfiRay Outdoor are all brands of Raytron Technology Co., Ltd. Xinfrared focuses on innovative consumer thermal imaging products and is committed to providing consumers with cost-effective thermal imaging products, making infrared thermal imaging accessible to thousands of households.



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