

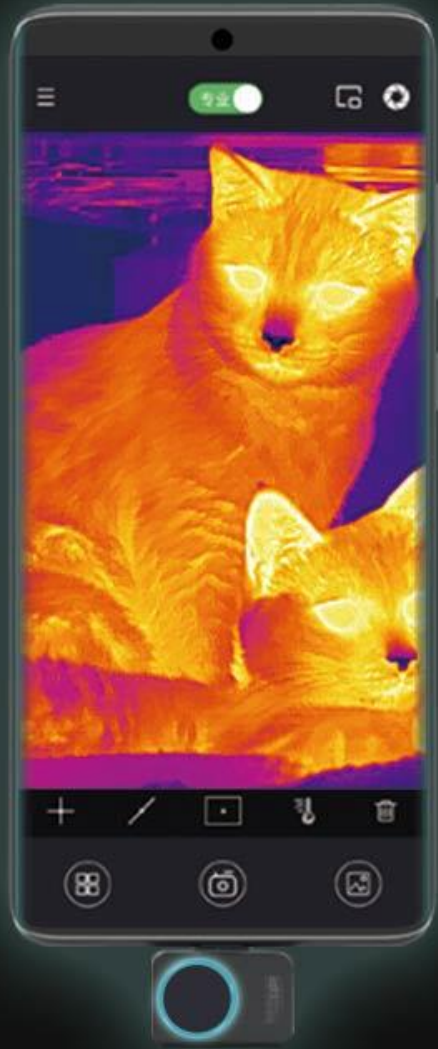
# 9g Smaller Than Small

P2 - Smallest thermal camera  
for smartphone to date  
Wants Global Distributors



# 9g Smaller Than Small

Smallest Thermal Camera for Smartphone to Date P2



6 Core Advantages

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9g

Smaller Than Small

---

12 $\mu$ m

256  $\times$  192 Detector

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9mm

Thinnest Ever

---

Industrial Grade

Accurate Temperature  
Measurement

---

Self-developed

ASIC Image  
Processing Chip

---

Exquisite Design

Alloy Body

Core Superiority

Smallest Thermal Camera for Smartphone to Date

# 9



9 mm Thin Body

Solid metal body,slimmest and thinnest ever



## HD Image

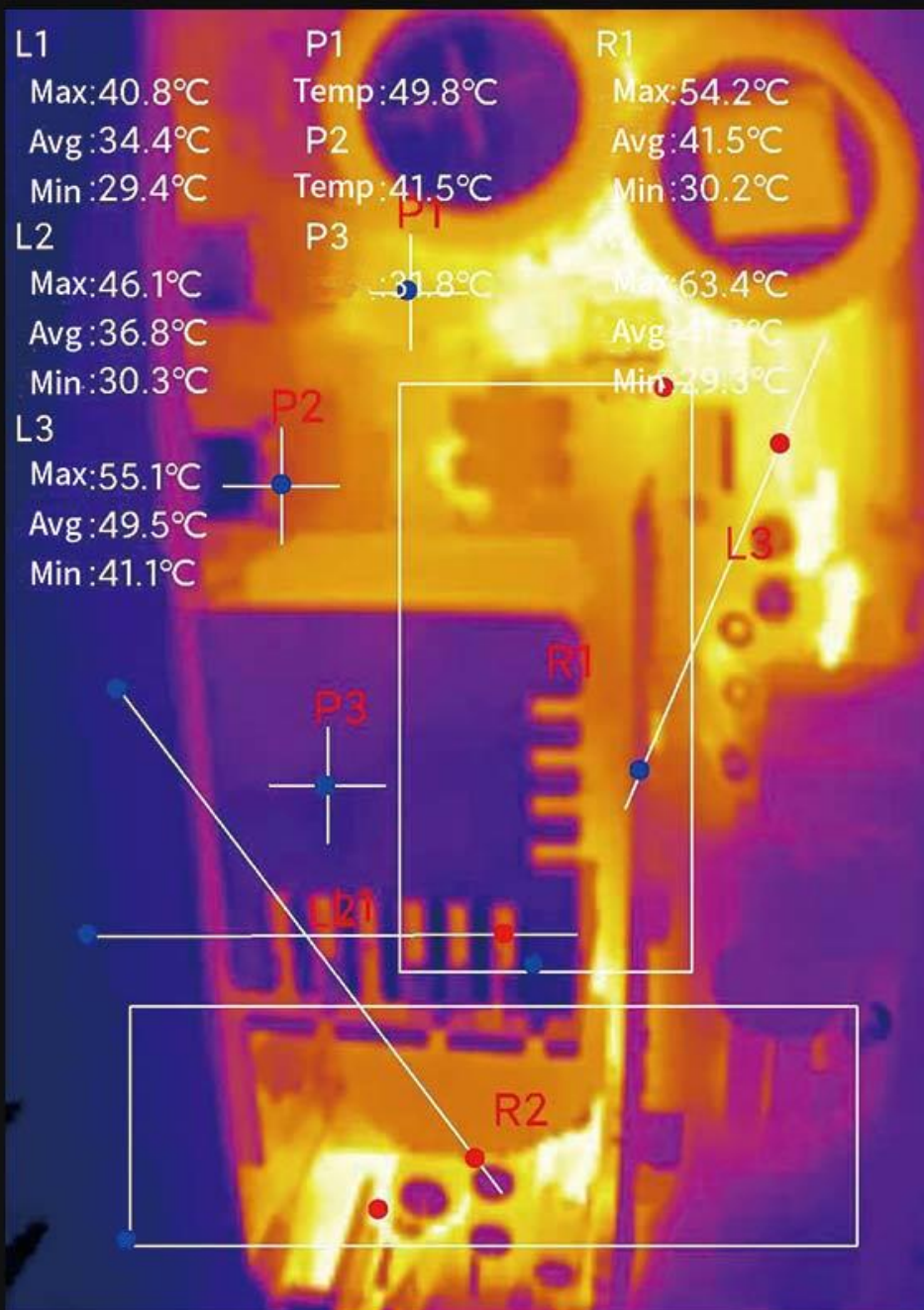
Strong InfiRay® detector,  
MatrixIII patented image algorithm,  
and Infisense -developed LY  
thermal image processing chip

# ASIC



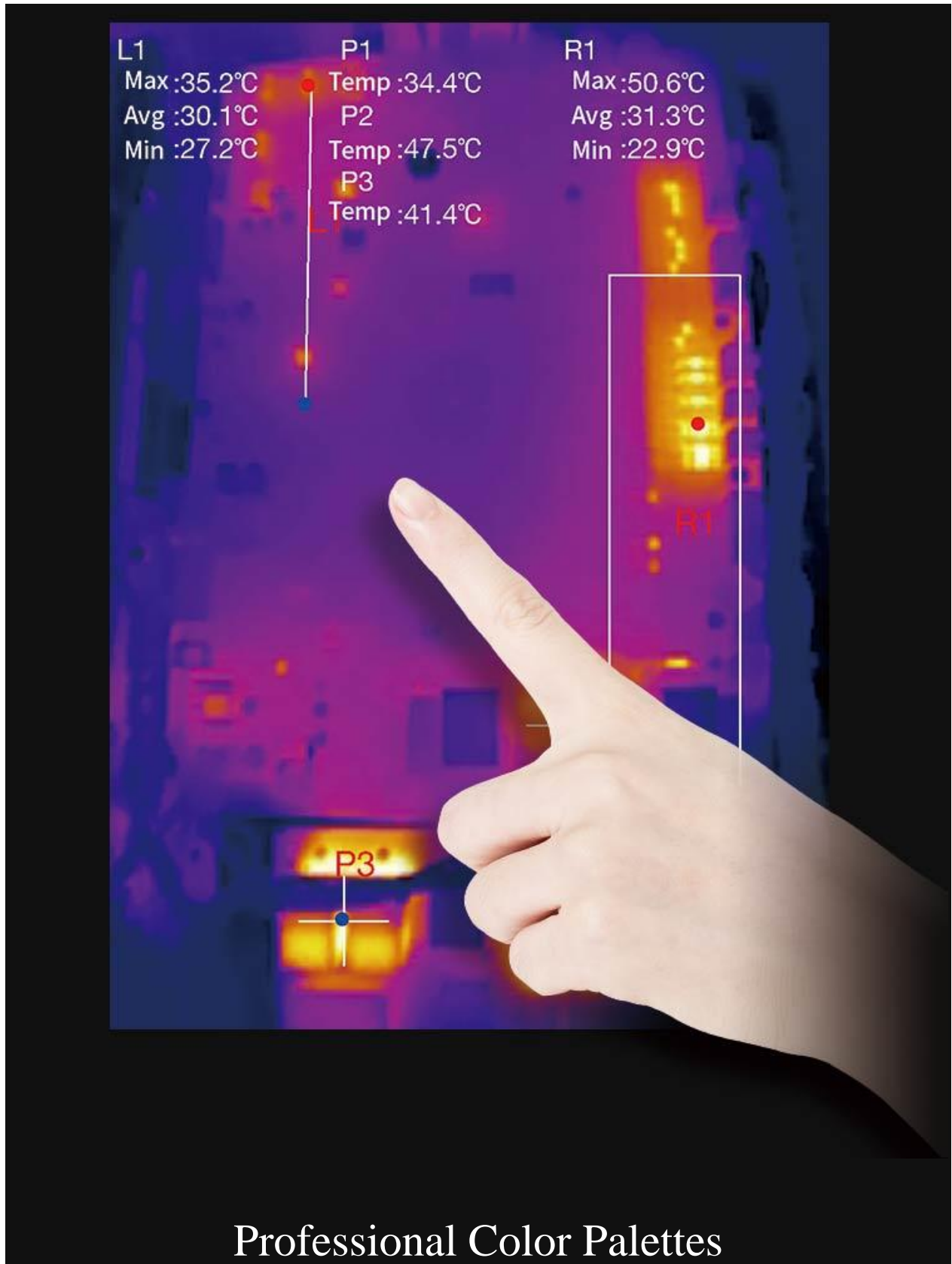
## Full-Image Temperature Memory

50,000 pixels of temperatures per frame, all data saved



## Offline Measurement and Analysis

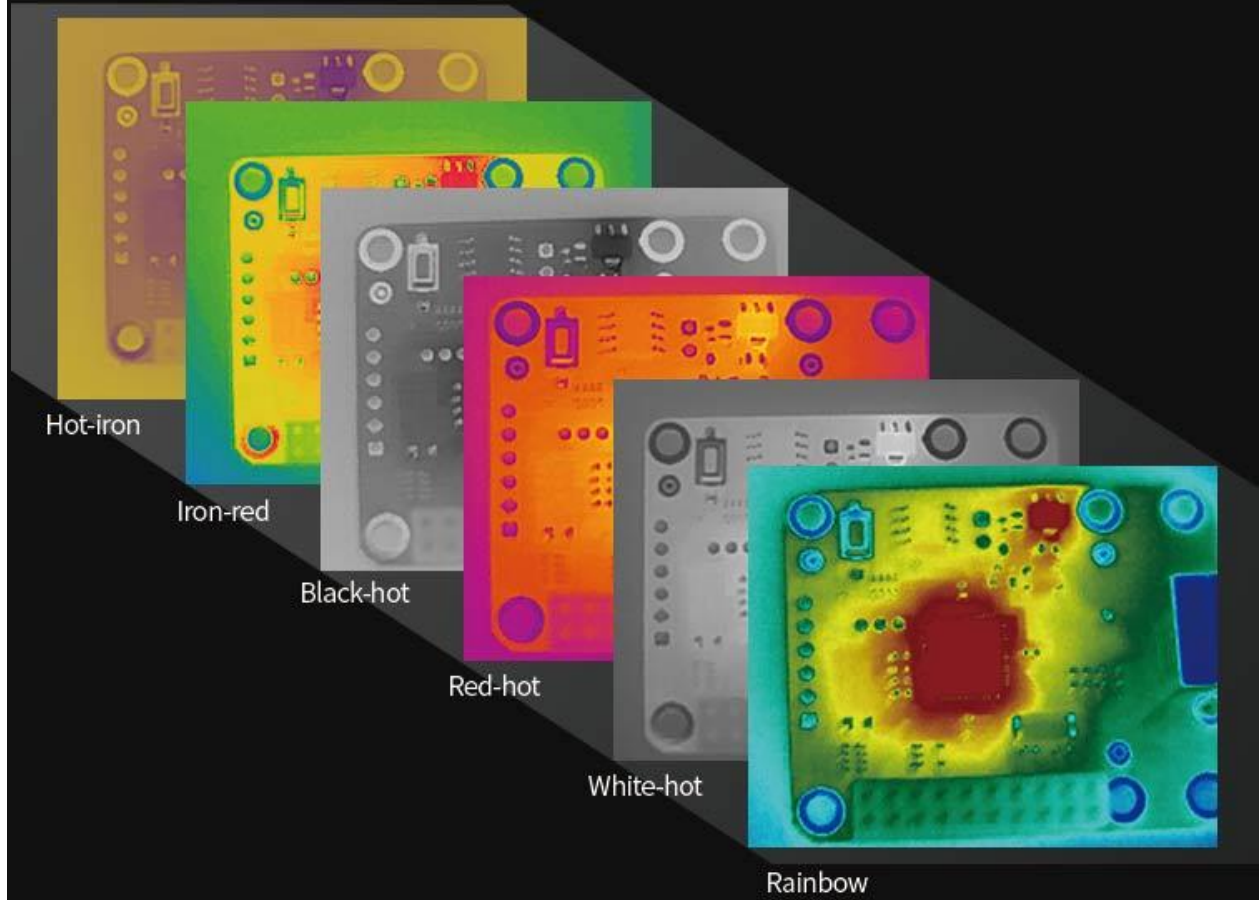
Temperature displayed anywhere your fingertip taps



Professional Color Palettes



Various color palettes for choice



## Long Battery Life

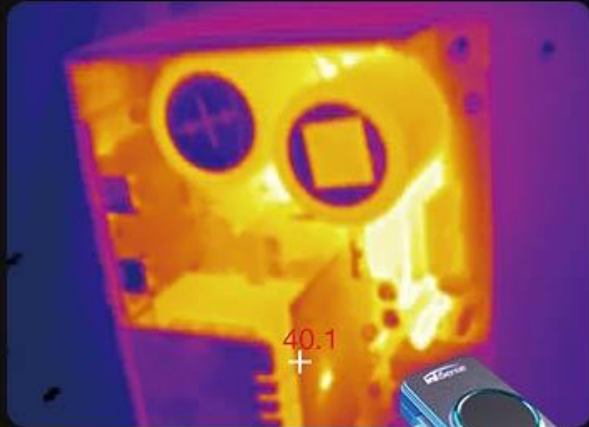
Ultra-low power consumption delivered by InfiRay® detector and battery-free design ensure ultra-long endurance



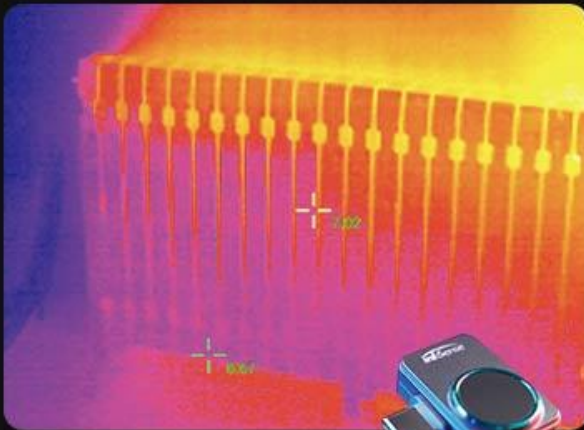
# Application Fields



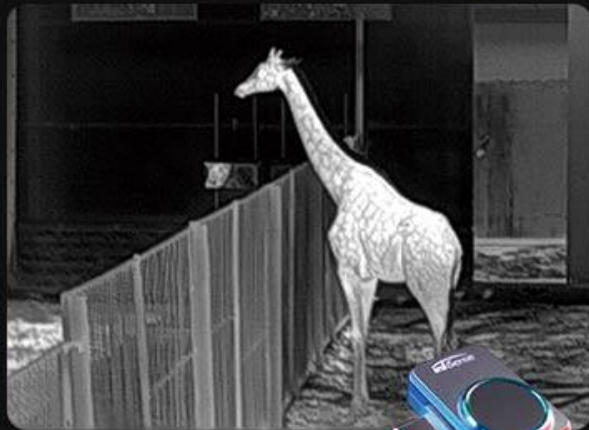
Pinhole Camera Prevention



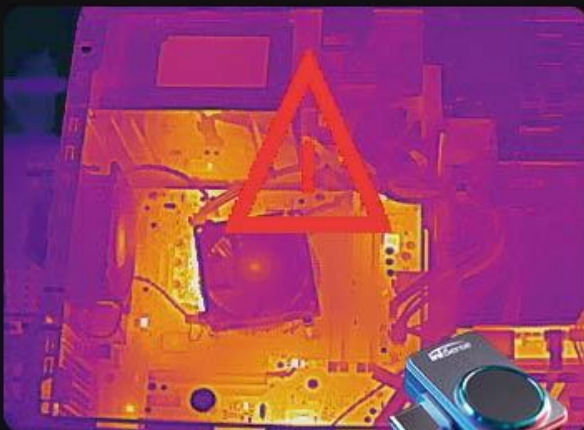
Electrical and Electronic Devices



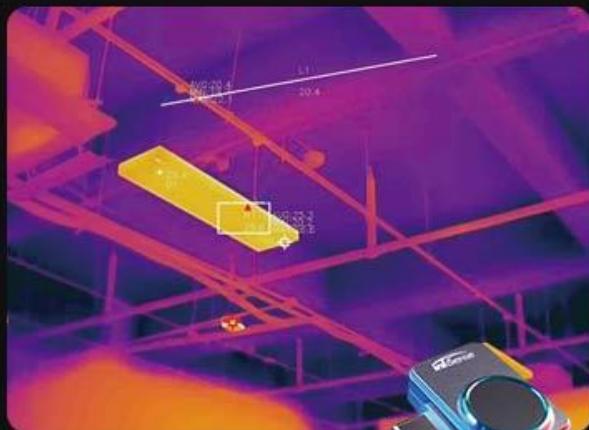
Building and HVAC



Outdoor Observation



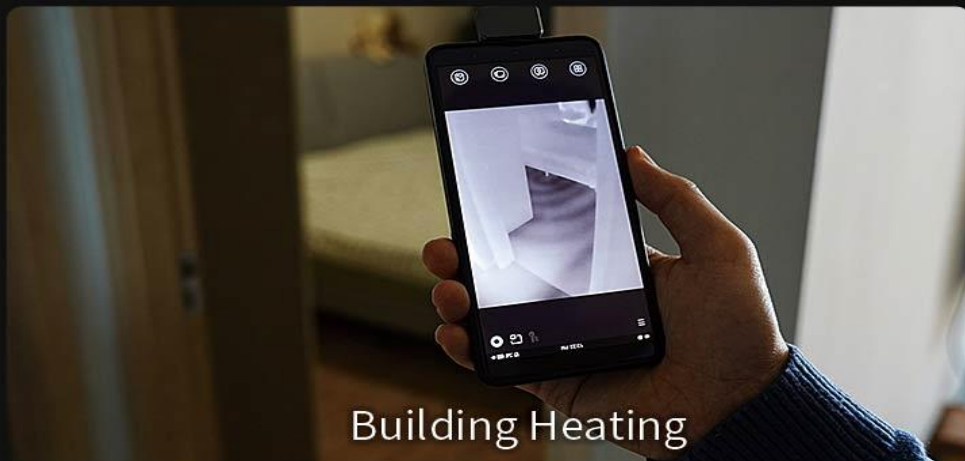
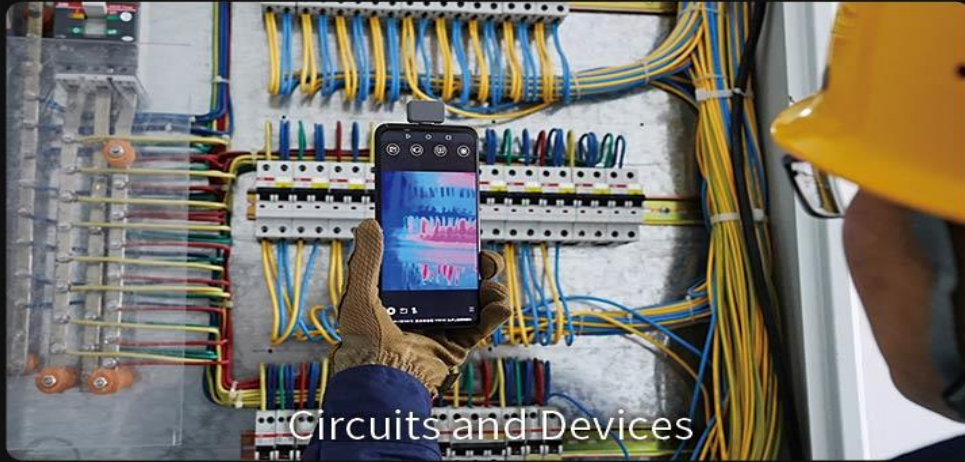
Scientific Research



Family Health



# Application Scenarios



# Specifications

Detector	
Resolution	256X 192
Pixel Size	12 $\mu$ m
NETD	$\leq$ 50mK@25 $^{\circ}$ C,F#1.0
Spectral Band	8~14 $\mu$ m
Performance	
Frame Rate	25Hz
Operating Temperature	-10 $^{\circ}$ C~55 $^{\circ}$ C
Storage Temperature	-40 $^{\circ}$ C~85 $^{\circ}$ C
Power Consumption	350mW
Processor	Self-developed ASIC chip
Lens	
Focal Length	3.2mm
Aperture	F1.1
FOV	56.0 $^{\circ}$ x42.2 $^{\circ}$
Focusing Mode	Athermalized fixed focus lens
Temperature Measurement	
Measuring Range	-20 $^{\circ}$ C~170 $^{\circ}$ C
Measuring Error	$\pm$ 3 $^{\circ}$ C ( $\pm$ 3% of reading, the greater shall prevail)
Temperature Correction	Emissivity, distance, environmental temperature
Shell	
Size	27 $\times$ 18 $\times$ 9.8(mm)
Color	Silver
Weight	9g
Control Interface	USB type C
Software Function	
Palettes	White/Black hot and 6 color palettes
Measurement Mode	Point/Line/Area temperature measurement
Information Sharing	Instant picture sharing
Data Analysis	Secondary temperature analyzing and processing
Imaging Tool	Android 6.0 and above
Software Update	Online update

## Product consulting

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Mobile phone :

\* Country :

\* Product :

E-mail :

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[Rico Thermal Scope](#)

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## MODULES

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