



Thermal
Master

P2 Pro

9g World's Smallest Thermal Camera



Macro Lens

Magnetic



1112°F

Prof High Temp



±2°C

PCB Accuracy



15×

Zoom



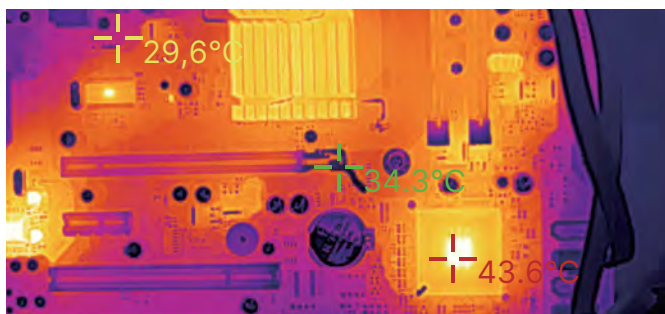
0.33W

Low Consumption



256×192

IR Resolution



Specifications

Model	P2 Pro Android	P2 Pro IOS
IR Resolution	256×192 @12μm	
Measurement Range	-4°F~1112°F(-20°C~600°C)	
Temp Accuracy	±2°C PCB Accuracy	
Accessories	Magnetic Macro Lens	
Circuit Board Testing	Observe 0.25mm resistor	
Magnification	15X Zoom	
NETD	≤40mK@25°C, F#1.0	
Battery Life	300~480 minutes(Eg: Samsung Galaxy S23+ 4700mAh battery life 367 minutes)	
Power Consumption	0.33W	
Frame Rate	25Hz	
IQ+ Precision Temp	Supported	
Razor X	Supported	
Colorbar Tech	Highlight temperature target	
Free Prof Analysis	Free point/ line/ plane data analysis	
Palette	12 Palettes(white hot/ black hot/ iron red/ red hot + 8 other palettes)	
Temperature Correction	Emissivity, Distance, Environmental temperature	
Adaptation Method	Smartphone/Tablet/Computer	
Application Scenarios	Electrical/ HVAC/ Pipeline/ House/ Automotive Inspections	
Infrared Core	Thermal Master High-Sensitivity Core	
Focusing Mode	Athermalized Prime Lens	
FOV	56.0°(H)×42.2°(V)	
Weight	9g	
Video Storage	Photo and video saving function	
Size	27mm×18mm×9.8mm	
Operating Temperature	5°F~131°F(-10°C~55°C)	
Storage Temperature	-40°F~185°F(-40°C~85°C)	
App Name	Temp Master	
Support System	Android 6.0 and above	iOS 11 and above

About Us

Thermal Master, Leading in Phone Thermal Cameras.
 Thermal Master is dedicated to opening a new world of thermal vision for explorers worldwide, keeps pursuing excellence and innovation.
 Thermal Master, for a greener Earth.



Thermal Master Technology Co., Ltd.

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X2

World's Smallest Thermal Monocular



984 Yards

See



15×

Zoom



256 to 512

IR Resolution



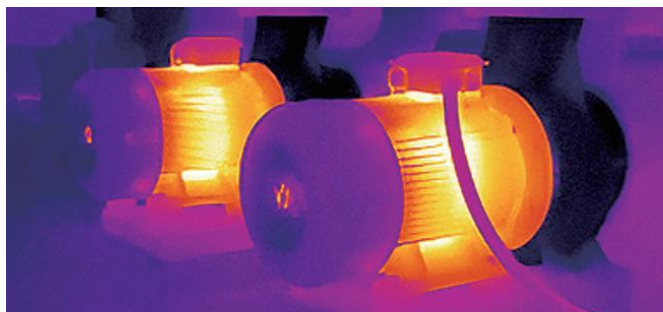
50Hz

High Frame Rate



20 in 1

ArmorX



Specifications

Model	X2 -Android
Detection Range	984 Yards(1.8m Person)
Magnification	15X Zoom
IR Resolution	256 to 512 IR Resolution
X ³ Super Algorithm	Supported
Frame Rate	50Hz
20 in 1	ArmorX Tactical Kit, 20 modifications supported
2 in 1	Thermal monocular + thermography
Focal Length	Lens of 9mm ≈ lens of 13mm @17μm
Focusing Mode	Manual Focusing
Dual Image Mode	HD and Highlight mode, tap to switch
Compound Bow Mode	Exclusive patent
Hot Spot Tracking	Tactical heat tracking
Reticle	8 shapes + 5 colors quick swtiching
Ninja Mode	2 meters completely hidden beyond
Razor X	Supported
Insight+	Supported
Tactical Assist	E-compass/ speed/ position/ weather/ time
Prof Temp Measurement	Emissivity/target distance/ambient temperature parameter correction supported
NETD	40mK(@25°C,F#1.0)
IQ+ Precision Temp	Supported
Dedicated Outdoor Palette	Night Vision Green/Bird/White hot/ Black hot/ Red head/ Iron red
Battery Life	300~480 minutes(Eg: Samsung Galaxy S23+ 4700mAh batarry life 367 minutes)
Application Scenarios	Outdoor/camping/off-road/rescue/tactical/hidden camera detection/HVAC leak detection, etc.
FOV	19.63°×14.71°
Weight (with lens)	18.5g
Temperature Measurement Range	32°F~212°F(0°C~100°C)
Operating Temperature	-4°F~140°F(-20°C~60°C)
Dimension (with lens)	23mm×23mm×23.8mm
Video Storage	Photo and video saving function
App Name	Thermal Master
Support System	Android 9.0 and above system.

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