



# Thor's 12 Hammers Expert Thermal Camera



**3.5"**

640×480  
IPS Display



**512×384**

X<sup>3</sup>IR Super  
IR-Resolution



**1022°F**

Pro High Temp  
±1.5°C Accuracy



**4.3cm**

Extended Lens



**Visible Light**

& Fusion  
Imaging



**9-Point**

Temp  
Measurement

## Specifications

Model	THOR001	THOR002	
Key Features	Temperature Range	-20~550°C	
	Accuracy	±1.5°C or ±1.5% of the reading	±2°C or ±2% of the reading
	IR Resolution	256×192	
	Super IR Resolution	512×384	
	Macro Lens	√	×
	Lens Focal Length	4.3mm	
	Digital Zoom	2/4×	
	Display	3.5 inch IPS (640x480)	
	Spot Meter	Center spot/Max/Min/6 Custom Spots/Temperature difference	Center spot/Max/Min/3 Custom Spots/Temperature difference
	NETD/Thermal Sensitivity	<35mk	<40mk
	Image Mode	Fusion, IR (default), PIP, Visual	
	Digital Camera	2MP	
	Wireless	√	
	PC-based Analysis Software	Supports 13 languages (English by default)	
	APP	√	
	Laser Indicator	√	
	Microphone	√	
	Flash Shield	Lens cap for protection	
Alloy Metal Base	√		
Imaging & Optical	IQ+	√	
	Razor X	√	
	AI{Det}	√	
	Color Palettes	White hot, Black hot, Lava,Iron (default), Rainbow,Rainbow HC, Black red,High temperature highlight,Low temperature highlight	White hot, Black hot, Lava,Iron (default), Rainbow, Rainbow HC, Black red
	Image Frequency	25Hz	
	FOV	40°×30°	
	IFOV	2.79mrad	
	Pixel Pitch	12μm	
	Focus Mode	Fixed focus	
	Min Focus Distance	8cm	30cm
Screen Refresh Rate	60Hz		
Measurement & Analysis	Image Capture	Manual,Time-lapse image capture	
	Video Recording	Support (MP4,OSD info)	
	QR Code Scanning	√	
	Measurements Correction	Emissivity,Ambient temperature,Distance compensation	
	Language	Supports 13 languages (English by default)	
	Isotherm	√	
	Temperature Alarm	Max/Min temperature alarm	
	Alarm Method	Image pop-up, flashlight prompt	
	Auto Image Capture on Alarm	√	
	Image Saving	Auto, manual	
Video Transmission	√		
Power	Fast Charge	18W	
	Battery	5000mAh rechargeable lithium battery	
	Charging Time	4h	
	Operating Time	8h	
	Auto Shutdown	Configurable(Off,5minutes,10 minutes,20minutes, 120 minutes)	
Accessories	Storage	8GB RAM 32GB storage card	
	LED Lamp	Supports lighting and flashlight modes	
	Hard Case	√	
	Tripod Mount	√	
	Protection Level	IP54	
	Tool Belt	√	
	Type-C 2.0	Charging, data transfer	
	Operating Temperature	-20 to +55°C	
Storage Temperature	-20 to +60°C		
Relative Humidity	10% to 95%,non-condensing		

## 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.



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