

# IPT384M

Mini Online Thermal Camera Core



4mm



10mm



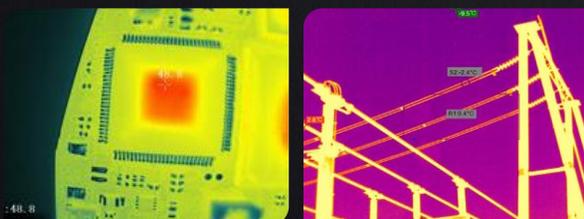
15mm

## Introduction

IPT384M is a compact popular IP thermal module utilizing an uncooled infrared detector, with accurate temperature measurement, outstanding and stable performance. It is developed based on powerful terminal software and easy-to-use SDK, multiple configurations to choose from, high flexibility make it easy to integrate.

## Application

PT384M is suitable for integrating into inspection robots to monitor the temperature indoor or outdoor in small and medium-sized scenes.



## Features and Benefits

- Small size, Lower power consumption to 2.8W
- Auto-focusing in 1 second with success rate 98%
- Support setting multiple temperature measurement objects and alarm modes
- Support RTSP and Onvif standard protocols, verified with CE and ROHS
- Provide professional infrared analysis software, support real-time temperature analysis, images and videos can be played back and analyzed, and reports can be generated, real-time drawing lines can be used to analyze the temperature distribution of objects, and LEVEL and SPAN adjustments

# Specifications

Model	IPT384M
<b>Thermographic</b>	
Detector type	VOx
Detector resolution	384 × 288
Pixel size	17μm
Wavelength range	8μm to 14μm
NETD	≤40mK@30°C
Thermographic camera lenses	4mm, 95°x70°; 10mm, 36°x27°; 15mm, 25°x19°
Pseudo colors	9 pseudo colors: White Hot, Black Hot, Fulgurite, Rainbow and so on
<b>Temperature measurement</b>	
Measurement range	Low temperature mode: -20 °C to 150 °C, high temperature mode: -20 °C to 350°C
Measurement accuracy	±2°C or ±2% (whichever is greater)
Target setting	Point, linear and area temperature measuring, and the area shape can be circle, square and irregular polygon;
Cold/hot spot tracking	Available
Full-screen point temperature measuring	Available
Query and export of temperature measuring information	Available
<b>Image</b>	
Code stream	384 × 288@25Hz
<b>Protocol and storage</b>	
Network protocol	IPv4,HTTP,,RTSP,RTP,TCP,UDP,DHCP,ONVIF IPv4, HTTP, RTSP, RTP, TCP, UDP, DHCP, ONVIF
SDK/ API	Open SDK/ API for software integration
<b>System function</b>	
Language version	Chinese/English
<b>Hardware interface</b>	
Power interface	DC12V
Network interface	One 100M/1,000M Ethernet port
Alarm interface	1-channel output
Other interfaces	1-channel RS485
<b>Environmental</b>	
Working temperature	-25°C to +60°C
Working humidity	≤ 95%, non-condensing
<b>Physical</b>	
Power consumption	≤3W
Size (L × W × H)	≤90mm × 44mm × 42mm
Net weight	≤110g
<b>Image</b>	
Code stream	384 × 288@25Hz
<b>Protocol and storage</b>	
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