

# Thermal Imaging Camera Module

This thermal imaging module is a compact, high-performance infrared camera core designed for integration. It features a high-resolution thermal sensor for detailed temperature mapping and analysis.



## ADDITIONAL IMAGES



## Product Overview

### Advanced Thermal Imaging Core

The TIMO series thermal imaging module is a compact, high-performance infrared camera core designed for seamless integration into a wide range of professional applications. Featuring advanced image processing algorithms, it provides detailed temperature mapping and high clarity for security, industrial inspection, and medical diagnostics. This module combines low power consumption with flexible interface options, ensuring it is a versatile choice for portable devices and monitoring systems.

## Technical Specifications

### Field of View Options

- 50°
- 120°

Sensor Resolutions	80x60, 120x120
Frame Rate	50 Hz
Spectral Range	8-14μm

## Performance Metrics

### Key Performance Metrics

**50 Hz**

Refresh Rate

## Application Suitability

### Suitable Industries

Security & Surveillance • Industrial Inspection • Medical Diagnostics • Portable Device Integration