

# Fever Screening Thermal Imaging System

This thermal imaging system is designed for non-contact fever screening in public areas. It detects individuals with potential fevers by using thermography and AI-enabled face tracking.



## ADDITIONAL IMAGES



## Overview



Real-time thermal monitoring interface displaying multiple individuals simultaneously.



Non-contact screening setup allowing for safe temperature detection from several meters away.

## Advanced Fever Screening Solution

This thermal imaging system is designed for high-efficiency mass fever screening in crowded public spaces. By utilizing advanced AI-enabled face tracking and infrared thermography, it allows for non-contact temperature monitoring of multiple individuals simultaneously. This technology helps maintain safety and efficiency in high-traffic environments like transportation hubs and public facilities by identifying potential fever symptoms without requiring close contact.

## Performance Metrics

### Key Performance Metrics

**500 people/min**  
Screening Efficiency

**0.3 °C**  
Accuracy

**25 Hz**  
Frame Rate

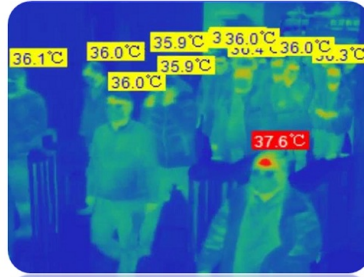
## Technical Specifications

### Infrared Detector Details

Parameter	Value
Resolution	400x300
Pixel Size	17µm
Field of View (FOV)	38° x 28°

Temperature Measurement Range	-10°C to 50°C
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## Software & Intelligence



Software interface featuring automatic tracking and alarm triggers for elevated temperatures.

### System Capabilities

- Intelligent AI face tracking
- Real-time temperature monitoring
- Automatic warning and photo capturing
- Historical record query and management
- Video recording support

## Physical & Power

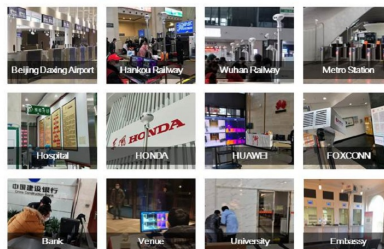
### Physical Dimensions & Weight

- Camera head size: 173mm x 184mm x 212mm
- Total height (with stand): 2200mm
- Total weight: 45kg

Power Input	12 W
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## Applications

### APPLICATION CASES



Versatile application across airports, transit hubs, and corporate facilities.

Ideal Deployment Scenarios	Airports, Railway Stations, Hospitals, Schools, Banks, Corporate Offices, Public Venues
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