

# AIVIS Solution

Complete Solution to Detect & Monitor Temperatures

## OVERVIEW

The AIVIS is non-contact temperature monitoring solution. The AIVIS Solution can easily be installed and implemented to detect elevated skin temperature in environments such as airports, hospitals, shopping malls and business houses.

This solution should not be solely or primarily used to diagnose or exclude a diagnosis of COVID-19 or any other disease. Elevated skin temperature in the context of use should be confirmed with secondary evaluation methods (e.g., an NCIT or clinical grade contact thermometer). The Solution should be used to measure only one subject's temperature at a time. Visible thermal patterns are only intended for locating the points from which to extract the thermal measurement.

### Required Components

- AIVIS
- Tripod or Wall Mounting
- HDMI Supported Monitor
- HDMI Cable
- Ethernet Cable

### Optional Components

- Integrated Display
- HDMI Supported Monitor
- Ethernet Switch
- USB Mouse
- USB Keyboard



AIVIS Solution

## SOLUTION FEATURES

- *Safe, Efficient, and Accurate Temperature Monitoring*
- *High Temperature Measurement Accuracy*
- *No Mask Detection Alerts*
- *Long-distance Screening at up to 5.0 m (16.0 ft)*
- *Recommended Use in Commercial Buildings, Healthcare Facilities, Airports, Metro Stations, and Public Gathering Locations*

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## SPECIFICATIONS

OPTICAL CAMERA	
Effective Pixels	3280 x 2464
Still resolution	8 Megapixels
Optical Size	1/4"
Pixel Size	1.12µmX1.12µm
Focal Length	3.04mm
Field of View (Horizontal)	62.2 degrees
Field of View (Vertical)	48.8 degrees
THERMAL CAMERA	
Effective Pixels	160x120
Thermal Sensitivity	< 50mK
Aperture	f/1.1
Pixel Size	12µm
Spectral Range	longwave infrared, 8µm to 14µm
Field of View (Horizontal)	57 degrees
Field of View (Diagonal)	71 degrees
TEMPERATURE MEASUREMENT	
Range	30° to 45°
Accuracy	±0.5°
Mode	Face Detection
INTERFACE	
USB	4x USB 3.0, USB 2.0 Micro-B
Display	HDMI 2.0 and eDP 1.4
Alarm	High Temperature, No Mask
Ethernet	Gigabit Ethernet, M.2 Key E
ELECTRICAL	
Power Supply	5V-4A DC
Power Consumption	< 20 W
CONSTRUCTION	
Casing	Metal
Dimensions	110x108.2x71.5mm
Net Weight	400g

Note: The given specifications are subject to change.

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