



AiSEMI multi

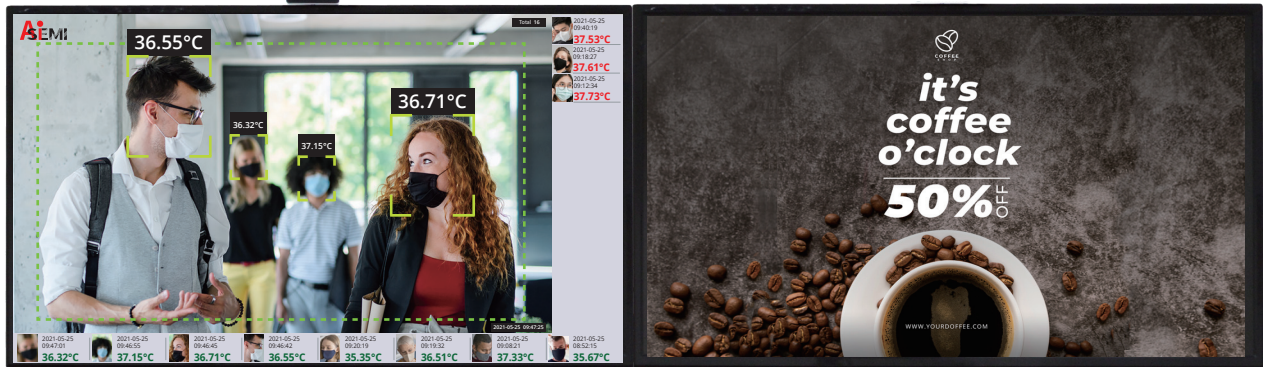
AI Thermal Imaging Multi-person Temperature Screening System



- AI Face Recognition & Tracking Technology
- Infrared Thermal Imaging Technology
- Support Advertisement Mode
- Synchronous Temperature Screening for 8~10 People
- Wide-ranging non-contact Temperature Screening
- Abnormal Warning Function



Mode



Optional

- 43" Monitor
- Stand



8~10 People Synchronous Screening



AI Face Detection



Detection < 0.1 sec.



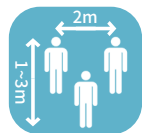
Accuracy $\pm 0.3^{\circ}\text{C}$



1080P Resoluton



System Host Supports Dual Displays



Distance 1 ~ 3m



Alarm Light/Buzzer



Abnormal Temp. Record



Easy to Monitor Pedestrian Flow

Thermal Temperature Measurement Parameters

Sensor Type : VOx (Vanadium Oxide) Sensor Element

Resolution : 80 x 62 pixels

Detection Wavelength : 8 ~ 14um

Temperature Range : 32°C ~ 42°C (86°F ~ 113°F)

Measurement Deviation : ±0.3°C (±32.5°F)

Measurement Frequency per Second : 25fps (Max.)

Measurement Field Angle : 55° (H=44°, V=35°)

Measurement Distance : 2m (width) x 1 ~ 3m (depth)

Infrared Calibration : With specified Infrared Calibrators

RGB Camera Module Parameters

Sensor Type : CMOS

Resolution : 1920 x 1080 pixels

Illumination : 0.05Lux

Wide Dynamic Range : > 95dB

Signal-to-noise Ratio : > 41dB

Field Angle : 84° (H=71°, V=40°)

Camera Fixed Focus Distance : 1m

Effective Focal Length (EFL) : 4.5mm

Focal Number (F/No) : 1.7

AI Algorithm

Face Detection : Identify multiple human faces

Face Tracking : Multi-person face tracking

Temperature Compensation Algorithm : Face surface temp.

Specifications

Type C : Power and USB2.0

Abnormal Alarm: Built-in red warning light and buzzer

Working Temperature : 0°C ~ 40°C (32°F ~ 104°F)

Working Humidity : 0% ~ 90%RH (no condensation)

Power Consumption : < 5W

Size : 88 x 96 x 27.7mm

Weight : 100g

OS Support : Android 5.0

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Front



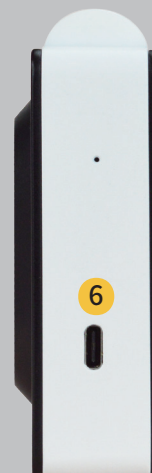
Back



Bottom



Side



- 1 Warning Light
- 2 Camera
- 3 Thermal Sensor
- 4 Power LED
- 5 Buzzer
- 6 Power/USB2.0
- 7 Tripod Screw Hole



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