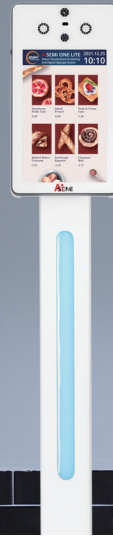




# ONE LITE

## Smart Temperature Screening and Digital Signage System



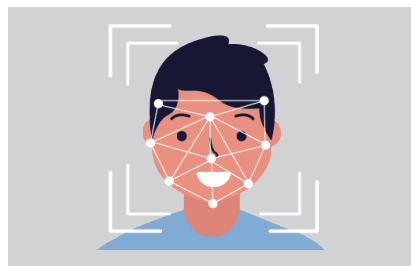
# AiSEMI ONE LITE

## Smart Temperature Screening and Digital Signage System

- World Premiere Smart Temperature Screening and Digital Signage System with VOx (Vanadium Oxide) Sensor Element
- Temperature Screening at 1.5m in 0.6 second
- Support High Temperature Warning
- 10.1" Display and Digital Signage System
- Support Advertisement Mode



Body Temperature Screening



ARM Based CPU Plus NPU (3 TOPs)



Mask-Wearing Alarm



High Temperature Warning



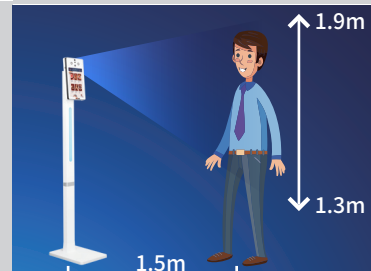
Touch-Free



100,000 Temperature Measurement Data



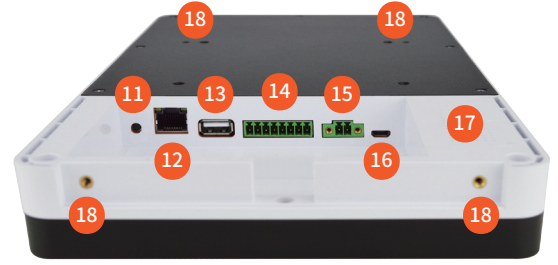
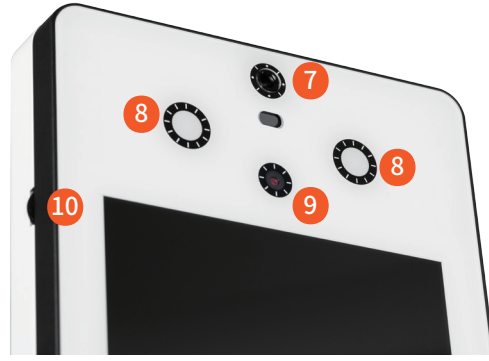
10.1" Signage Board



Wide Viewing Angle Measurement



- 1 Temperature Screening and Signage System
- 2 Digital Signage
- 3 Temperature Display
- 4 Welcome and Indicator Light
- 5 Stand
- 6 RJ45 / Power
- 7 VOx Thermal Sensor
- 8 Fill Light
- 9 Camera
- 10 Volume Adjustment
- 11 Reset
- 12 RJ45
- 13 USB2.0
- 14 Welcome Light Connector
- 15 DC 12V Power
- 16 Micro USB (OTG)
- 17 Speaker
- 18 Wall-mount Screw Hole



## Main System

ARM CPU plus Neural-network Processing Unit (NPU, 3 TOPs)

Onboard 2GB RAM and 8GB ROM

## Temperature Measurement

Temperature Range : 30°C ~ 45°C (86°F ~ 113°F)

Sensor : VOx (Vanadium Oxide bolometer sensing element)

Resolution : 80 × 62 pixel

Frame Rate : 25 fps (max.)

Measurement Deviation : ± 0.3°C

Measuring Distance : 0.5 ~ 1.5m

## Screen

Size : 10.1inch

## Camera

Effective pixel : 2 megapixel, support WDR (Wide Dynamic Range) 100dB, Anti-Backlight

## LED

2\* 1W LED Fill Light (Auto)

LED welcome light and indicator status (Blue, Green, and Red)

## Speaker

1\* 3W Speaker

## Network

Wired Network : 10/100/1000 Mbps self-adaptive

## Interface

1\* Reset

1\* RJ45

1\* USB2.0

1\* Welcome Light Connector

1\* DC 12V Power

1\* Micro USB (OTG)

1\* Volume Adjustment

## Capacity

100,000 temperature measurement data

## Authentication

Multiple Authentication Modes : Temperature and Mask

## Others

Power Supply : DC12V / 2A

Working Temperature : 15°C ~ 35°C (59°F ~ 95°F)

Working Humidity : 10 ~ 90% (no condensation)

Application Environment : Indoor and windless environment use only

Certification : CE, FCC, BSMI

Package and Weight : 104 x 42 x 15cm, 9.8kg



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