

# DINU TRADING COMPANY



## Sentry MK4



touchscreen



android



iOS

**Multi Touchscreen and Smart  
Devices Capability**

The latest in mass fever screening  
and pandemic control system

Sentry MK4, the next generation of Mass Fever Screening System stands prepared for any pandemic situation regardless of environment factors. The Sentry MK4 can operate either in an air condition or non air condition environment without the need to change settings. The in-built system's intelligence will calibrate itself to the surrounding temperature without any human intervention.

Drawing on our proven performance of Sentry MK3, the system that protected many organizations and institutions from H5N1 to COVID-19 - the Sentry MK4 is a culmination of more than a decade experience of developing a remarkable fever screening system.

### Fever screening at your fingertip

- ▶ Sophisticated detection algorithm accurately identifies febrile subjects
- ▶ Audible alert upon detection
- ▶ Auto tracking to simply subject identification

## Key Features

### Multi Touch Screen

Intuitive UI with the use of any multi-touch screen.

### Video Recording Option

With this feature, administrators can use the recorded videos with various video analytics software for post analysis.

### Minuscule & Exquisite

Possibly one of the smallest form factor in the world but not compromising on performance. The exquisite styling forms the meticulous design that accentuates beautiful contours and fine detailing for distinctive and sophistication.

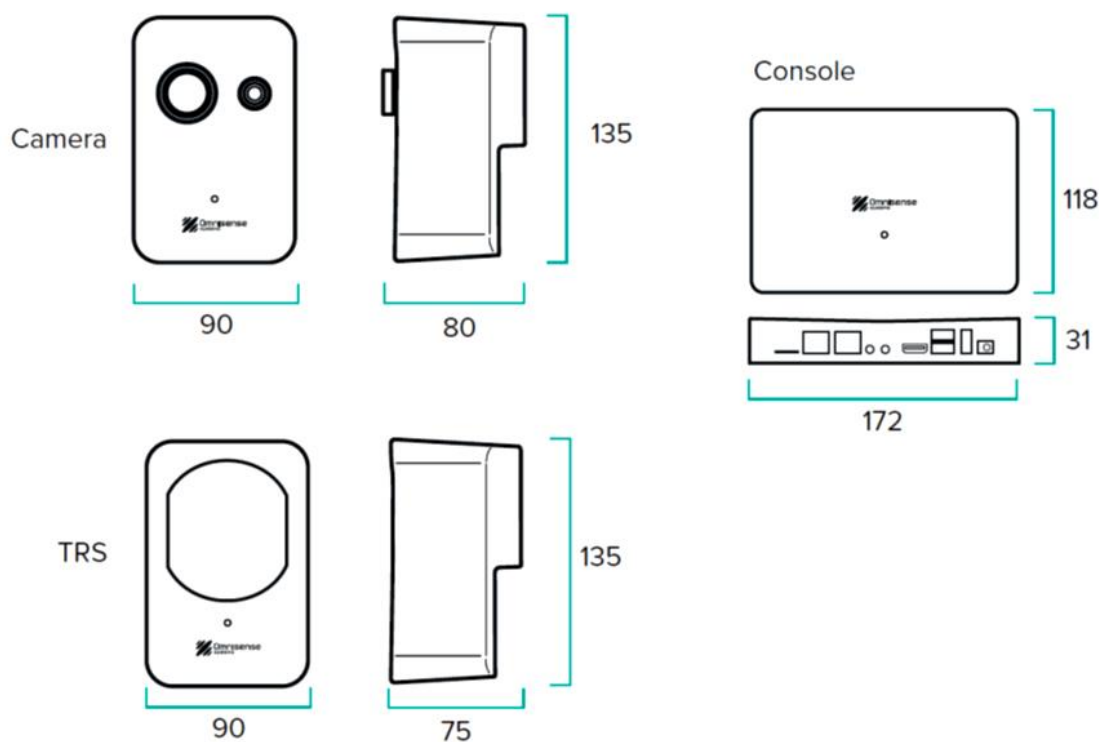


### Multi Devices Control

Connects multiple smart devices via Wi-Fi, allowing operators to move around freely, instead of standing behind the monitor.

### Effortless Setup

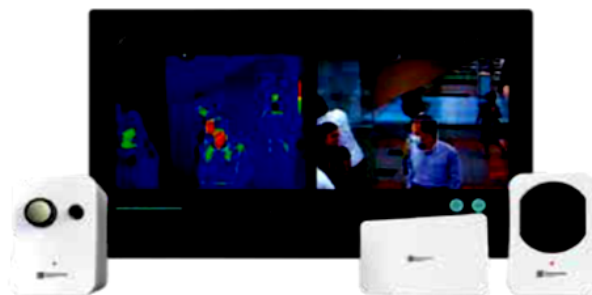
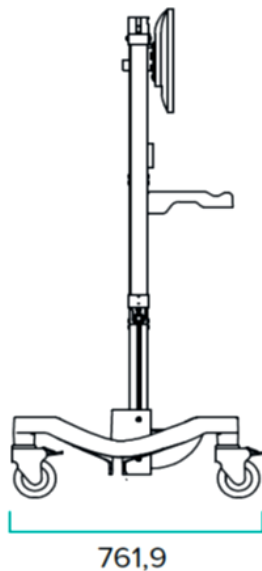
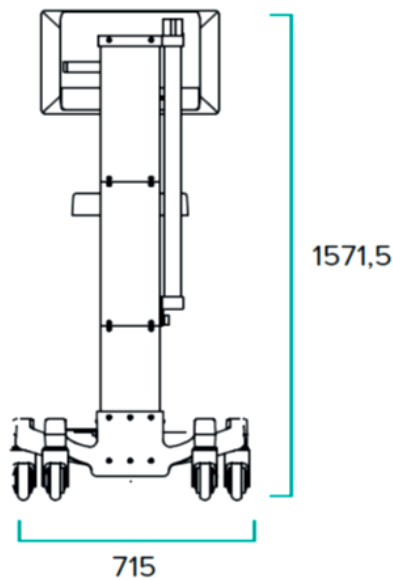
Colour coded labels, respective to the connector to simplify connections. Sentry MK4 can be fixed installed on either walls or ceiling. For mobile setup, the system can be install on any camera tripod or optional mobile pedestal.



## Setup

### Mobile Pedestal Setup

Mobile pedestal for screening area that requires quick deployment is also available.



### Pandemic: Be Prepared

At the forefront of pandemic defense, the Sentry MK4 Mass Fever Screening System stands guard against infectious diseases and viruses. Already deployed in commercial buildings, industrial plants, airports, hospitals, banks and other critical facilities, the Sentry MK4 is an essential security solution for any modern organization seeking to safeguard human assets and sustain business operations during a pandemic outbreak.

## Sentry MK4 Specifications

Part No: SM4-OMS-384

### Thermal Camera

Sensor Type	Amorphous Silicon ( $\alpha$ -Si) microbolometer
Thermal Resolution	384 X 288
Spectral Response	7-14 $\mu$ m
Drift Compensation	Real time continuous calibration (ext. TRS)
Thermal Accuracy	$\pm 0.1^{\circ}\text{C}$
Measurement Range	30 $^{\circ}\text{C}$ to 45 $^{\circ}\text{C}$
Sensitivity	$\leq 50\text{mK}$ nominal
Horizontal Field of View	24.6 $^{\circ}$

### Colour Camera

Sensor Type	CMOS 1/3" Sensor
Day Resolution	2688 x 1520 (4MP)
Horizontal Field of View	Digitally synchronized to thermal image

### General

Frame Rate	Up to 50FPS
Contrast	Automatic
Brightness	Automatic
Isotherm Colour Display	Pseudocolour specifically for fever screening
Temperature Trigger	User defined temperature trigger threshold
Febrile Tracking	Yes (Synchronized dual sensor tracking)
Zoning	Yes
Masking	Yes
Alarm	Audio visual with intelligent febrile tracking
Storage	Micro SD Card (Up to 256 GB) or/and NVR
Recording Output	1080p
USB Connector	USB 3.0 x 1, USB 2.0 x 2
Input Voltage	110 – 230V AC
Operating Temperature	16 $^{\circ}\text{C}$ to 33 $^{\circ}\text{C}$
Storage Temperature	-40 $^{\circ}\text{C}$ to 85 $^{\circ}\text{C}$
Installation Options	Wall Mounted, Ceiling Mounted or Mobile Pedestal

#### Note:

1. Due to our policy of continual improvement, specifications may change without prior notice.
2. System must not be used in replacement of human observation.

#### Disclaimer:

The Sentry MFSS is not marketed or intended to be used as a medical device. This device does not determine the core body temperature of subjects. Actual core body temperature can only be determined using an approved clinical measurement device. For proper and effective use of Sentry MFSS, contact us.

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