

Fever Detection System  
**FeverSENS**

0°C to 50°C

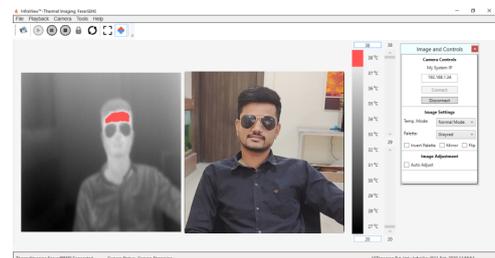
Thermal Imaging Camera, visual camera and electronic signal processing technologies have been combined to provide high performance, compact systems for mass screening and fever detection.

The FeverSENS System is designed for mass screening of public areas. It is used to find individuals with higher body temperature. As a group of people walk in front of camera head, thermal and visual images are displayed on the nearby monitor. Our FeverSENS system consist of a fixed thermal imaging camera, visual camera and thermal image processing (fever detection) software .The system is housed in an ergonomical kiosk, for free standing operation.

Thermal and visual camera are mounted at various locations for mass-screening of people. The software can detect people with high fever, can raise an alarm and record the thermal and visual images.

Based on the preliminary detection of fever, detailed investigation can be done for taking a decision.

The FeverSENS is ideal for mass temperature screening in areas like airports, railway or subway stations, seaports, and any other public facilities.



**FeverSENS Lite**

The FeverSENS System Lite is designed for mass screening of public areas. It is used to find individuals with higher body temperature. As a group of people walk in front of camera head, thermal and visual images are displayed on the nearby monitor. Our FeverSENS system consist of a Thermal imaging camera, visual camera and thermal image processing (fever detection) software . Both the cameras are housed in a compact dual camera enclosure.

Fever Sens software displays both thermal and visible image and generate alarm and record the thermal and visual images.

Based on the preliminary detection of fever, detailed investigation can be done for taking a decision.

The FeverSENS is ideal for mass temperature screening in areas like airports, railway or subway stations, seaports, and any other public facilities.



LTE-384F is thermal imaging camera which can help to detect human body temperature. It shows the presence of fever and raise an alarm.

It is available in 384 x 288 Pixels resolution. It works at wavelength range from 8 - 14  $\mu\text{m}$ . The modular thermal image processing FeverSENS software is designed to provide a view of thermal image in real time.

FeverSENS Software process the real time Thermal images & video. It detects any person with higher then the normal temperature. It stores the image and alert to authorised person. FeverSENS software is configured at threshold temperature and provides alarm indication when the target temperature rises above the threshold temperature.



	FeverSENS	FeverSENS lite	LTE-384F
Thermal Camera	Infrared Thermal imager Microbolometer 384x288 pixles Temperature range 0-50 deg C Power Supply - VDC Connection - Ethernet		
Software	Infraview... FS to display - thermal and visual cmarea		Display of thermal view, with pallet for fever scanning
Visual Camera	Color camera - 2MPixles IP 66		-
Kiosk	Housed in Kiosk arrangement	Housed in Simple Enclosure	-
Mounting	-	4 x M4 Screws	UNC1/4 inch female thread
Accuracy	$\pm 0.5^{\circ}\text{C}$		
Temperature Resolution	0.01°C		
NETD	<40mK@f1.0, 30Hz 300 K		
Detector	Uncooled FPA Detector		
Spectral Response	18 to 14 $\mu\text{m}$		
Frame Frequency	25 Hz		

## Application

- Airports
- Bus Stations
- Malls
- Railway Stations
- Sea Ports
- Social gatherings

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