

# iQ Fever Check° helps Paramedics **do MORE with LESS**

According to the WHO-China Joint Task Force, for 88% of people infected with COVID-19, the first symptom is a fever. In fact the only visible symptom for determining if some persons at a distance in a large group are suffering from a virus infection is to detect if they have a fever.

iOmniscient now brings you the world's first Automated Fever Detection system – a system that minimizes costs by ensuring that Thermal Stations do not have to be manned by paramedics – a skillset that is going to be in continuing short supply.



In a facility with many entrances multiple thermal stations may be needed, but only a single paramedic team.

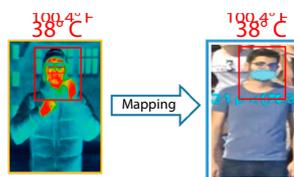
## How the iOmniscient Automated Fever Detection works

1. Dual-Sensor Thermographic Camera



Thermal Station

2. Temperature Detection & Map the feverish suspect on the Colour Camera



Fever Detection Analytics Software

3. Enrol Feverish suspect



4. Cross Camera Tracking In-A-Crowd

Alert

Face Recognised - 2017.07.15 10:42:52.830

Query Info	Person Match List

**Individual Suspect**  
Date/Time/Location  
Temperature/Respective images/waiting to be verified

5. Notify Paramedic & provide details of person & his location on phone

Tracking Station



6. Paramedic can check person detected at any Thermal Station or other Tracking locations



7. Generate Summary Reports



Total # of Feverish suspects  
Total # of confirmed cases  
Average handling time  
# of Paramedic officers

## Key Features

- Detects people with a fever IN A CROWD.... in real-time.
- Unmanned operation for high productivity.
- Track individuals across non-overlapping cameras till they can be apprehended.
- Track individuals even if they are wearing masks.
- Accurate to within 0.1 ° C (0.18° F) with a sensitivity of 0.1° C (0.18° F).

# Brilliant by Design

## Automated

- One paramedic team can support multiple thermal stations.
- Tracks individuals/large groups (up to 100 in an image) through a facility at long distances (20 meters/ 60 feet) even if they are wearing a mask
- Provides nearest Paramedic team with the image of the person with the fever and the person's location.
- Logs all faces detected with a fever to ensure that they do not leave the facility

## Privacy Protected

- GDPR Compliant. All faces are redacted. Only the paramedic can reverse the redaction for the person with the fever.

## Very Accurate Thermographic Cameras

- Detects Fever at long distances (8-meter or 24-feet) a large group of people – up to 30 people at a time
- Dual sensor Thermographic Camera
  - o High Accuracy - +/- 0.1° C (or +/- 0.18° Fahrenheit)
  - o Threshold temperature can be set in 0.1°C (0.18°F) increments

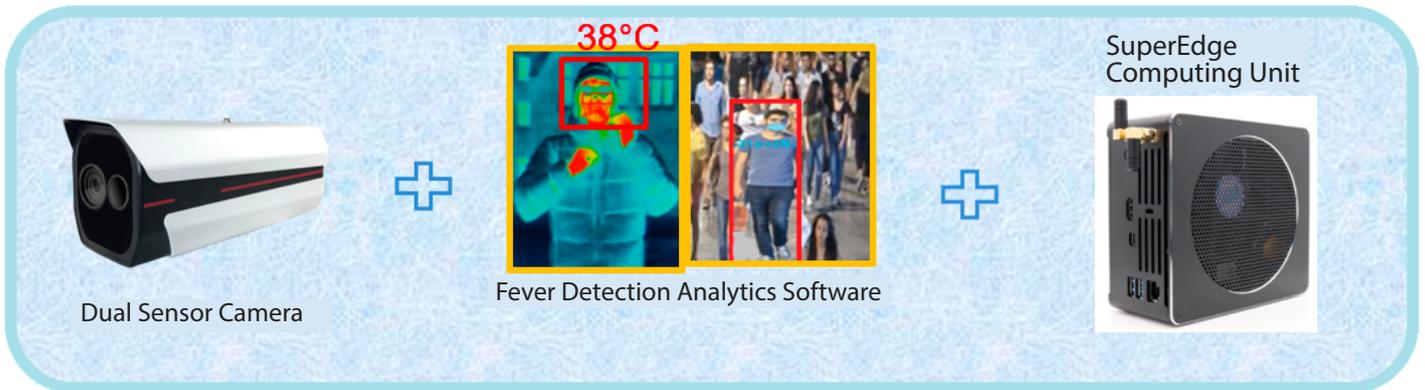
## Efficient Architecture/ Timely Support

- Minimal camera infrastructure – can use CCTV cameras for tracking
- Uses unique computer light Artificial Intelligence – no GPU required.
- Quick and easy Do-it-yourself installation with 24x7 Remote support for Software Installation
- 12 Month Warranty – extendable for life.

Fever Check Systems come in two Packages:

### Basic Package

### Thermal station



### Genius Package



### Basic Package



### Cross-Camera Tracking



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See through  
the crowd

