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.
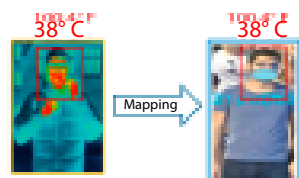
Key Features

- 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 0.3° C (0.5° F) with a sensitivity of 0.1° C (0.18° F).

How the iOmniscient Automated Fever Detection works

1. Dual-Sensor Thermographic Camera

Thermal Station

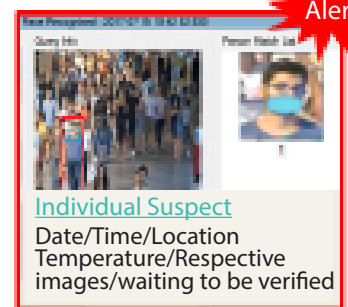**2.** Temperature Detection & Map the feverish suspect on the Colour Camera

38° C → Mapping → 38° C

Fever Detection Analytics Software

3. Enrol Feverish suspect

38° C

4. Cross Camera Tracking In-A-Crowd

Alert

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

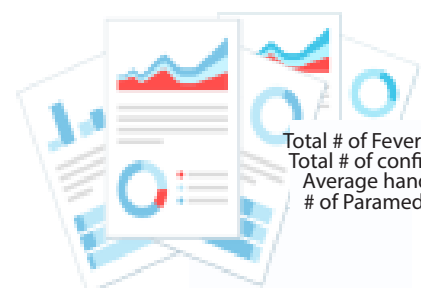**5.** Notify Paramedic & provide details of person & his location on phone

Alert

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

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
    - High Accuracy - +/- 0.3° C (or +/- 0.5° Fahrenheit)
    - Threshold temperature can be set in 0.1℃ (0.18°F) increments
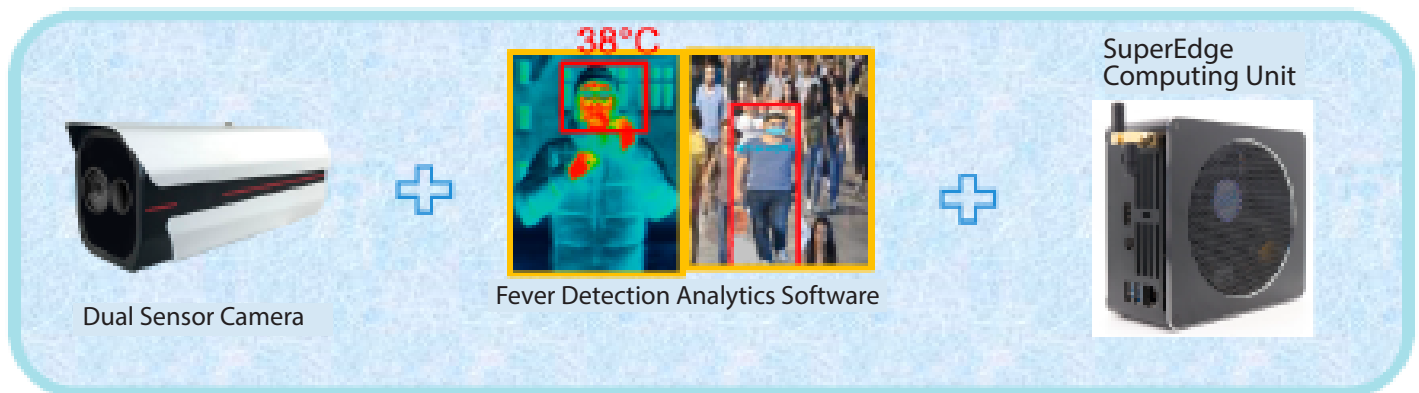
Efficient Architecture/ Timely Support

- 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.

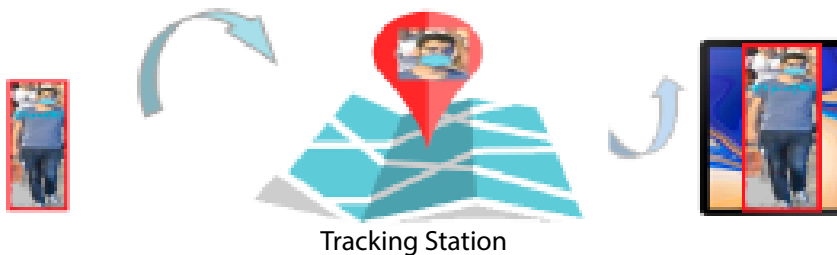**Fever Check Systems come in two Packages:**

Basic Package

Thermal station

38°C

Dual Sensor Camera   +   Fever Detection Analytics Software   +   SuperEdge Computing Unit

Genius Package = **Basic Package** + **Cross-Camera Tracking**

Tracking Station

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See through the crowd

iOmniscient
High iQ Analytics