PREVENTION IS BETTER THAN CURE

Developed by X.Labs, feevr is a quick and effective artificial intelligence (AI) based system for screening and detecting individuals (one at a time) with an elevated temperature.

Elevated Temperature Detection System
Effectively identify individuals with elevated skin temperature (adjustable threshold) with speed and efficiency.

Discreetly Isolate and Assist Individual
Recommended secondary screening to confirm an entry or rejected entry, reducing stoppage and provide a smooth flow of traffic.

Instantly Identify via Alert Signal When Triggers
Our system is designed for minimal, but effective signaling, alerting the operational personnel when in need to react.

Snapshot function of thermal image
Capture automatically (or manually) when an individual's temperature reaches and/or goes above the input threshold.

Snapshot function of thermal image
Captures & alerts automatically when an individual's temperature reaches and/or goes above the input threshold.

The solution enables the user to identify individuals with an elevated skin temperature efficiently and effectively. An elevated skin temperature is an indicating symptom of an infectious disease. feevr is non contact based which prevents the chances of cross infection.
WHAT’S INCLUDED

- Smartphone
- Thermal Camera
- Case
- USB-C Cords
- Wall Adapter
- Power Bank

*Tripod also included (multiple models in use)

The labeling includes a prominent notice that the measurement should not be solely or primarily relied upon to diagnose or exclude a diagnosis of any medical condition, or any other disease.
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal pixel size</td>
<td>17 μm</td>
</tr>
<tr>
<td>Thermal resolution</td>
<td>19,200 pixels (160 x 120)</td>
</tr>
<tr>
<td>Recommended Range</td>
<td>4-10 ft</td>
</tr>
<tr>
<td>Thermal sensitivity</td>
<td>70 mK</td>
</tr>
<tr>
<td>Blackbody</td>
<td>No</td>
</tr>
<tr>
<td>Object temperature range</td>
<td>-20°C to 120°C (-4°F to 248°F)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± (0.4°F). Applicable 60 sec after start-up when the unit is within 59°F to 95°F and the scene is within 41°F to 248°F</td>
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<tr>
<td>Multiple Targets</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### MEASUREMENTS

- **Emissivity correction**: Matte, Semi-Matte, Semi-Glossy, Glossy
- **Measurement correction**: Emissivity, Reflected apparent temperature (22°C / 72°F)
- **Shutter**: Automatic/Manual

### COMMON FEATURES

- **Certifications**: RoHS, CE/FCC, CEC-BC, EN62133
- **Operating temperature**: 0°C to 35°C (32°F to 95°F), battery charging 0°C to 30°C (32°F to 86°F)
- **Non-operating temperature**: -20°C to 60°C (-4°F to 140°F)
- **Size (W x H x D)**: 68 x 34 x 14 mm (2.7 x 1.3 x 0.6 in)
- **Weight (incl. battery)**: 36.5 g
- **Mechanical shock**: Drop from 1.8 m (5.9 ft)

### OPTICAL FEATURES

- **Day Camera**: Visual & Thermal Camera
- **Hz**: 8.7
- **Thermographic**: Yes
- **Spectral range**: 8 – 14 μm
- **Visual resolution**: 1440 x 1080
- **FOV**: 45° ±1°
- **Frame rate**: 8.7 Hz
- **Focus**: Focus Fixed 15 cm – infinity

### POWER

- **Video**: Male USB-C (Android)
- **Charging**: Female USB-C (5V/1A)
- **Battery life**: 18-20 hours (with provided power bank + wireless charging kit)
- **Battery charge time**: 4 hours

### APP

- **Image presentation modes**: Infrared
- **VividIR**: Yes
- **AI warning**: Audible
- **Thermal area detected**: Facial Region/Forehead
- **Palettes**: Gray (white hot), Hottest, Coldest, Iron, Rainbow, Rainbow HC, Arctic, Lava, and Wheel
- **Capture modes**: Video

### ADDITIONAL INFO

- **FDA Cleared**: Yes
- **Delivery Time**: 5 Days
- **Other issues/features**: Face detection, Operating temperature 0°C to 35°C (32°F to 95°F), battery charging 0°C to 30°C (32°F to 86°F)
  Non-operating temperature -20°C to 60°C (-4°F to 140°F)
  Mechanical shock Drop from 1.8 m (5.9 ft)
- **Video Demo Links**: [https://www.youtube.com/channel/UCqjR33jxdw-dgtyR2jP3qKw](https://www.youtube.com/channel/UCqjR33jxdw-dgtyR2jP3qKw)
- **Third Party Tested**: No

*Please note: [the technology should be used to measure only one subject's temperature at a time.]*