



## Elevated Body Temperature (EBT)

**Maintaining a Front Line with Rapid Screening Thermal Technology to Help in the Global Fight Against Pandemics**

Shepherd Communication & Security can help keep your business open and running at full capacity by deploying state of the art thermal cameras to help your team detect and determine if **Elevated Body Temperature (EBT)** is present. Our product engineers and support team specialists can help you organize a defense against threats unseen. Protect your employees and customers while ensuring you can safely continue business operations.

With the quick and sudden outbreak of coronavirus (COVID-19) businesses concerned with the spread of infection are now seeking tools to help detect and slow the spread of the virus.\* They can be used as an alternative to other body temperature screening tools for detecting elevated skin temperature in high-traffic public places through quick individual screening.

Identifying individuals with EBT as an early warning can help reduce or dramatically slow the spread of viruses and infections. Using thermal cameras, businesses can be more discrete, efficient, and effective in identifying individuals that need further screening with virus-specific tests. A variety of institutions, including transportation agencies, businesses, factories, and first responders are using thermal screening as an EBT detection method and as part of employee health and screening (EH&S).



### We provide various products:

- Bi-spectral infrared body temperature screening system
- Temperature measurement face recognition terminal
- Standing human body temperature screening system
- Integrated wrist temperature measurement system
- Human body temperature measurement gate



**Call us today: 1-833-GO-SHPRD | [www.shepherdcnyc.com](http://www.shepherdcnyc.com)**

Serving Albany, Syracuse and Utica Markets  
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## Thermal Temperature Monitoring

Thermal temperature monitoring is a cutting-edge technology that could play a crucial role in monitoring temperatures.

### BENEFITS

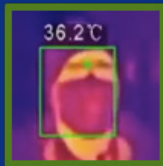
- Accurate and efficient temperature monitoring
- Fast screening without personal contact
- Monitors subjects at a high rate for better efficiency
- Visual alert when over-temperature is detected

### INTELLIGENT TECHNOLOGY

- Monitors temperature even when people use face accessories and headwear
- Face Detection trigger allows for monitoring of multiple people in view
- Helps reject false positives like hot drinks



SUNGLASSES/HAT



MEDICAL MASK



SKI MASK



HELMET



MULTIPLE PEOPLE



HOT DRINK NON-DETECTION

## A Faster Alternative: ROI 3Xs Faster vs. Manual Readings

- Thermal imaging technology used during SARS outbreak, to monitor over-temperature of subjects
- Non-contact automatic temperature monitoring
- Operators do not have to be near people being screened, limiting exposure to security personnel
- Supports monitoring up to 3 people/second, much faster than handheld solutions and without fear of cross-contamination
- Live alerts and recording of over-temperature information automatically.
- Optionally, captures person's identity automatically with facial recognition system feature.



Disadvantage of Manual Readings:

- Long lines/less social distancing
- Min. 3 sec/person | 5000 people = 4.2 hours

Advantage of Shepherd Thermal Solutions

- More social distancing
- Higher accuracy of  $\pm 0.3^\circ\text{C}$
- 3 people/second | 5000 people = 30 minutes



## Strong Adaptability for Indoor Environments

- Business entrances and exits
- Larger indoor applications within airports and railway stations
- Screen tourists for temperature in indoor applications



TRANSPORTATION TERMINALS



HOSPITALS



CASINOS



DAY CARES



COMMERCIAL BUILDINGS



ENTERTAINMENT COMPLEXES



PLACES OF WORSHIP



FITNESS CENTERS



SCHOOLS



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\* This technology is not FDA approved as a medical device and should not be used to diagnose any disease or illness.



