

Infrared health screening

Your first line of defense



Since the outbreak of SARS/Bird Flu and more recently, the Swine Flu pandemic threat, health care providers and public officials have been using infrared (IR) noncontact temperature measurement to scan large numbers of people at public areas for elevated temperatures that can result from a virus infection. People who register higher temperatures than normal can then be isolated for further evaluation to help prevent the spread of disease.

All objects, including the human body, emit infrared energy. IR noncontact thermometers measure surface temperature, including the temperature of our skin, which is displayed in color using a thermal imager. Individuals with fevers may have higher than

normal skin temperature which can easily be seen. A color alarm can be triggered to indicate those needing further testing using a contact thermometer specifically designed to measure body temperature. While thermal imagers are designed for industrial use, there are locations where this technology can be very beneficial to public health, including:

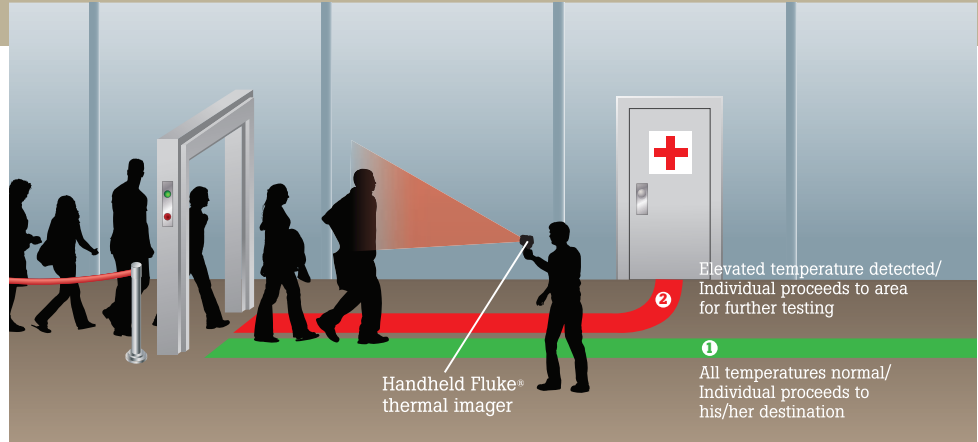
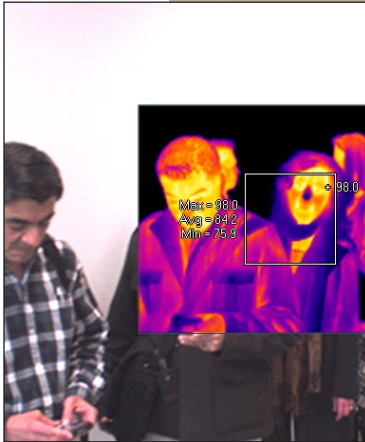
- Airports, seaports, bus and train stations
- Hospitals and schools
- Factories and business buildings
- Stadium events and conventions
- Other public gathering areas



Benefits of infrared noncontact temperature measurement:

- Noncontact, so there is less chance of spreading infection or disease
- Temperature readings are immediate, so large groups of people can be screened quickly
- Infrared temperature measurement is completely safe and innocuous, so there is no risk to public safety
- Individuals can be moving, so travel is not delayed

Having your temperature scanned using infrared is as easy and safe as walking through a metal detector!



Fluke TiR1/TiR4 Thermal Imagers Specs and benefits

- No export license required, fast delivery (most models)
- IR-Fusion® offers both an infrared temperature and visible record of screened individuals
- Operates in 16 languages
- Handheld use for portability
- Rechargeable battery or continuous ac power
- Tripod mount (TiR4 only)
- RCA video output (TiR4 only)
- On-screen temperature measurements (°C or °F)



**Fluke TiR4
Thermal Imager**



**Fluke TiR1
Thermal Imager**

Fluke. *Keeping your world up and running.®*