

# Body Temperature Screening of Fever

## Challenge

Efficient and early detection of the fever is required to prevent secondary infection

## ■ Avio Solution ! !

Avio IR thermography can instantaneously find people with relatively high body surface temperature without contact.

- ★ **Safe screening** of body surface temperature without making contact
- ★ **Warning by quick alarm sound** when abnormal temperature is detected
- ★ No voltage contact output when alarm is triggered **which allows operation with other system equipment.** (Onboard features for R550-D/R450-D/G100EX-D)
- ※ **Deterrent effect of entrance** is expected from people who are aware of fever by body surface temperature screening.

## Screening of body surface temperature from distance



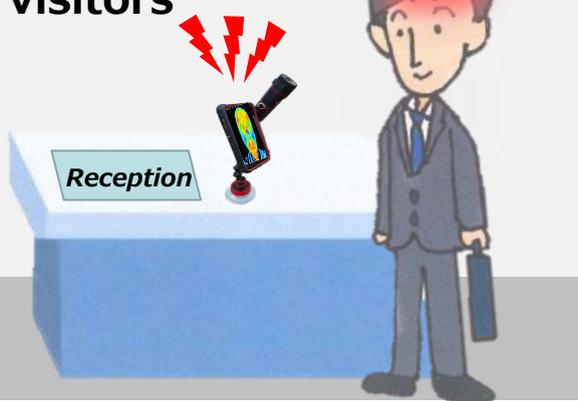
# Quick check of fever by Avio IR thermography

## ■ Operation Example

### ◆ Simultaneous check of multiple people at an entrance



### ◆ Voluntary check of visitors



#### [Major Advantages of Avio IR Thermography]

- ◎ Point 1 Safe screening from distance
- ◎ Point 2 Arbitrary setting of alarm threshold
- ◎ Point 3 False alarm is prevented by setting rectangle arbitrary area
- ◎ Point 4 Automatic max temperature tracking of area
- ◎ Point 5 No voltage contact output when alarm is triggered, by which external device can be linked

#### [Note]

"IR Thermography" displays temperature distribution of subjects.

- It does not judge if subjects are infected with virus.
- "Body temperature" measured by a thermometer, and "surface temperature distribution" by IR thermography may be different.
- Surface temperature cannot be measured where closing is on.
- ※ Body surface temperature may change due to condition of before and during measurement, status of subjects, and etc.

## ■ Recommended Models



R550 series

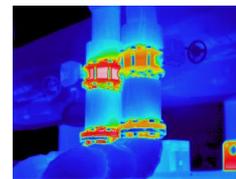
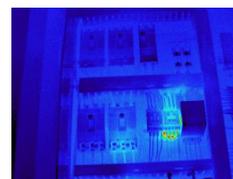


R450 Series



F50 Series

※ Avio IR thermography can be used not only for body surface temperature screening, but also for **diagnosis of electric equipment** and heat related **R&D**



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#### WARNINGS & CAUTIONS

- Before using this product, please carefully read the provided Operation Manual "WARNINGS" & "CAUTIONS" section to ensure proper operation.
- Please do not place the product in high temperature, high humidity or high inert gas environments.

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