

### ***Suitable for indoor use/application.***

The AI-based system includes image acquisition, face detection, face tracking, face contrast, and human body temperature detection. With the sensitive sensors on the Infrared thermometer, it detects high body temperature, and provides early warning for symptoms of fever.

**The system can also be set to give warnings if a face mask is not detected. Face recognition system can detect and limit people without face masks and again give an automatic warning to prevent risk of contagion.**


Thermal sensors and face recognition can detect and limit the people




**To ensure health precautions, the infrared thermometer system works only with people wearing a face mask. If a mask is not detected, the thermometer does not provide a temperature reading, and gives audible and visual signals. So, the risk of someone infected and not wearing a mask is eliminated!**


### **Benefits of Face Recognition Thermometer**


1. Checks if the passing person wears a face mask or not.
2. If a face mask is detected, a temperature test is done. If the temperature reading is at normal levels, an automatic pass is given.

 **Accurate Temperature Measurement**  
Accuracy  $\pm 0.3^{\circ}\text{C}$

 **Fast Recognition Speed**  
Recognition speed < 300ms per times

 **Automatic Recording**  
Real-time recording of the information on face temperature detection

 **Face Recognition with Masks**  
High-precision face recognition rate (>95%)

 **High Temperature Alarm**  
**Audible and visual warning signals when the temperature reading is above the normal levels**



Infrared Thermometer with Face Recognition and Face Mask Check



Option 2

**Hycanx Floor Stand Infrared Thermometer with Face Recognition and Face Mask Check (Kiosk)**

***Suitable for indoor and outdoor use/application.***


New generation mask control and body temperature check technologies are optionally offered in Hycanx health solutions. AI-based face recognition is used to check the mask usage and measure the body temperature with an infrared thermometer. The AI-based system includes image acquisition, face detection, face tracking, face contrast, and human body temperature detection. With the sensitive sensors on the Infrared thermometer, it detects high body temperature, and provides early warning for symptoms of fever.

The system can also be set to give warnings if a face- mask is not detected. Face recognition system can detect and limit people without face masks and again give an automatic warning to prevent risk of contagion.


**To ensure health precautions, the infrared thermometer system works only with people wearing a face mask. If a mask is not detected, the thermometer does not provide a temperature reading, and gives audible and visual signals. So, the risk of someone infected and not wearing a mask is eliminated!**


**Benefits of Face Recognition Thermometer**


1. Checks if the passing person wears a face mask or not.
2. If a face mask is detected, a temperature test is done. If the temperature reading is at normal levels, an automatic pass is given.

 **Accurate Temperature Measurement**  
Accuracy  $\pm 0.3^{\circ}\text{C}$

 **Fast Recognition Speed**  
Recognition speed < 300ms per times

 **Automatic Recording**  
Real-time recording of the information on face temperature detection

 **Face Recognition with Masks**  
High-precision face recognition rate (>95 %)

 **High Temperature Alarm**  
**Audible and visual warning signals when the temperature reading is above the normal levels.**