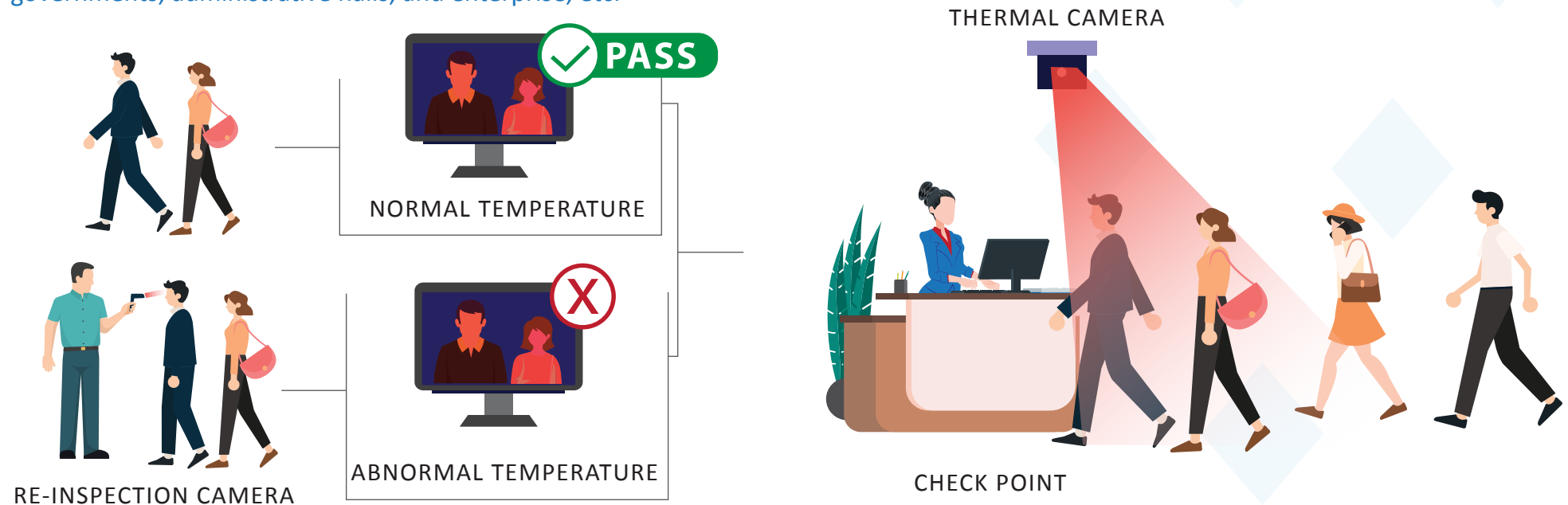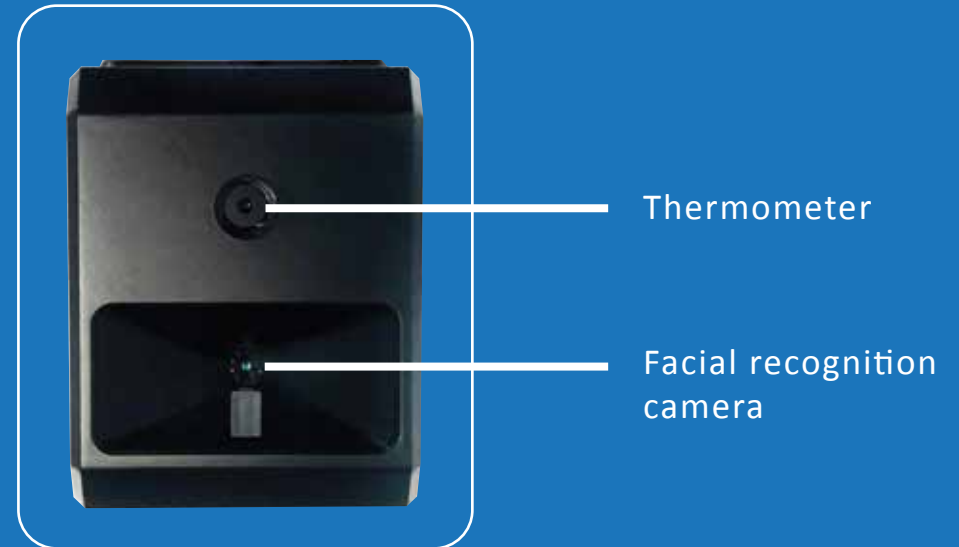COMPNET
HELPFUL & RELIABLE

COGNIXY

AI Fever Screening System
with Face Recognition

With current pandemic situation, Cognixy (a Compnet Group) presents fever screening solution with AI based. Designed to recognize human face and detect abnormal temperature accurately, works both on single or multiple faces, and also with face masks or glasses on..!! The face recognition algorithm and big data statistic record a large amount of high temperature data will send an alert to the management in a timely manner for initial warning of public safety and health purposes.

AI fever screening can be widely used with easy installation in hospitals, railway stations, hotels, airports, schools, customs, supermarkets, governments, administrative halls, and enterprise, etc.

PASS

NORMAL TEMPERATURE

THERMAL CAMERA

RE-INSPECTION CAMERA

ABNORMAL TEMPERATURE

CHECK POINT

For more information please contact us at:
marcomm@compnet.co.id or info@cognixy.ai

Camvi Fever Screening System

Thermometer

Facial recognition camera

The Camvi Fever Screening System is designed to capture & recognize human faces, and test the forehead temperatures simultaneously.
It's used to measure temperature and give an initial warning for public safety and health purposes.

Features

1. Face recognition + forehead temperature testing

2. Android operating system

3. Artificial technology based algorithm guarantee accurate testing result and minimize ambient interference.

4. Support mask and glasses mode, minimize potential virus risks.

5. Plug and play, easy installation

Specifications

Visible light	
Resolution	1920×1080
Focal length	8mm

Temperature testing	
Temperature range	20°~45°
Accuracy	≤ ± 0.3°(target temperature: 32° ~ 4
NETD	60mk
Temperature correction	Built-in black body, real-time calibra
Measure time	<500ms
Measuring distance	1 ~ 2 meters, best 1 meter

Interface	
Facial recognition camera	USB
Thermometer	RJ45
Integrated Android Server	Power cable

Environmental adaptability	
Operating temperature	16 ~ 32°C accurate temperature me
Storage temperature	-20~60°C
Working humidity	<90% (non-condensing)

Software

1. Dual-spectrum camera, all-weather real-time monitoring

2. Visible light for face recognition" and thermal imaging for body temperature monitoring

3. Recognize faces accurately through face recognition algorithms

4. Measure the temperature of the human face

5. Dynamic on-screen temperature displayed

6. Big data statistics: When a large amount of high-temperature data is found, alert the management staff in a timely manner.

7. Interface and sound abnormal alarm

8. Device settings, Record and personnel management

Order Guide

Model	Description	Photo
AI-001	Integrated Android Server	
AI-002	AI Detector	
AI-003	Package	
Optional		
AI-004	Mounting Stand	

Built-in black-body real-time calibration

Recognition count
8

View exception details

Thermal Imaging

Visitor
Normal 36.0℃

Visitor
Normal 36.5℃

Visitor
Normal 36.3℃

Visitor

Personnel Entry (explained in single mode)

Enter facial information

For best results, look directly at the camera with your face centered, and avoid entering in backlit or dark light environments

Start

Click to replace avatar

Name: jack

Number: 1001

Installation

Wall Mount

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 9

Bracket Mount

Notes

| Avoid sunlight | Avoid strong back-lighting | Avoid using in the environment below 15 °C | no cap, do NOT cover forehead | Stand and face the detector 1 meter away | Wait minimum 2 minutes to warm up the devices before starting test if devices are moved from outdoor to indoor | Wait minimum 20 minutes to adapt to room temperature before testing | Wait minimum 5 minutes for system initialization and self calibration in case power up |

5

Test picture

Recognize faces and measure temperature

Face recognition and temperature measurement (in mask mode)

System Captures and traces forehead only, ambient temperature abnormal target (lighter, cigarette,etc) do NOT influence the accuracy

Applications

This system can be widely used in hospitals, railway stations, hotels, airports, schools, kindergartens, customs, supermarkets, governments, administrative halls, and enterprises, etc.