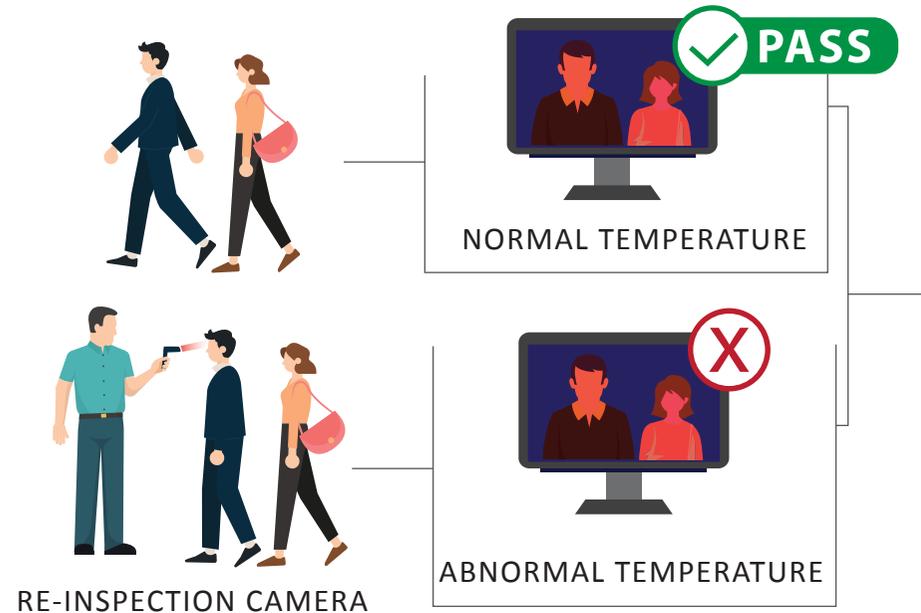


Temperature Based Attendance Monitoring System with Face Recognition

With current pandemic situation, ELEKTRO LABS presents fever screening solution and attendance with AI based. Designed to recognize human face and detect abnormal temperature accurately, works on single. 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.



For more information please contact us at:
info@elektrolabs.in

Face & Fever Screening System



The Face & 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. Up to 1000 Face Data can be stored.
5. Plug and play, easy installation
6. Attendance System with combined data of body temperature and Face recognition.

Specifications

Visible light

Resolution	1920×1080
Focal length	8mm

Temperature testing

Temperature range	20°~45°
Accuracy	≤ ± 1°(target temperature: 32° ~ 42°) 60mk
NETD	42°) 60mk
Temperature correction	Built-in black body, real-time calibration
Measure time	<500ms
Measuring distance	1 ~ 2 meters, best 1 meter

Interface

Facial recognition camera	USB
Thermometer	USB
Power Supply	Power cable

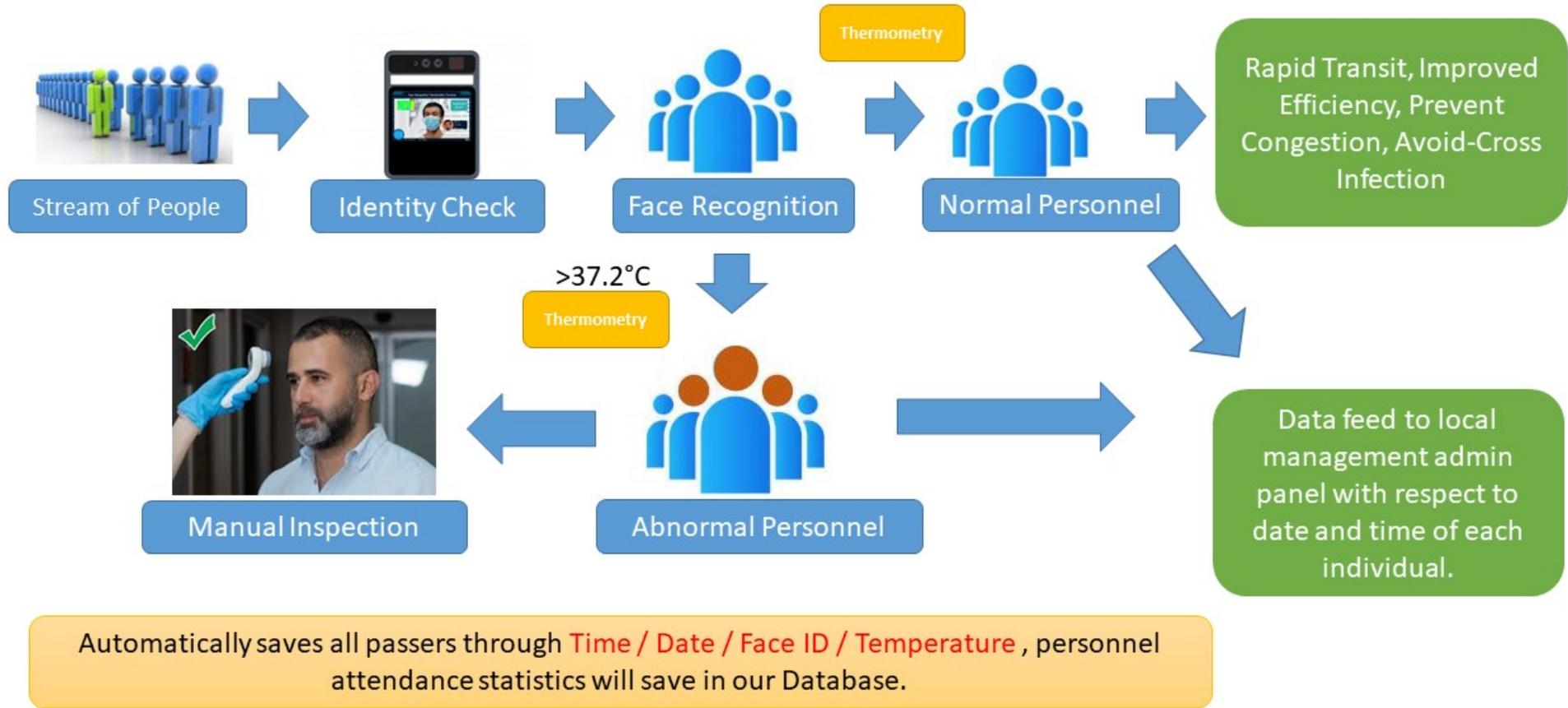
Environmental adaptability

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. (Additional Cost).
7. Interface and sound abnormal alarm
8. Device settings, Record and personnel management , Attendance monitoring.

Application 1: Face Recognition Thermometry & Attendance



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

APPLICATION

Non-contact, safety-free

Sensitive detection, fast traffic

Flexible control, complete data



Community Entrance



School Entrance



Park Entrance



Office Entrance



Meeting Room

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