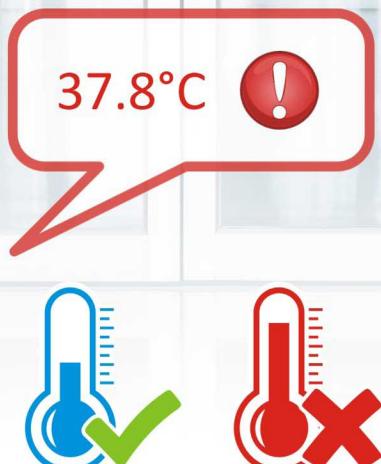
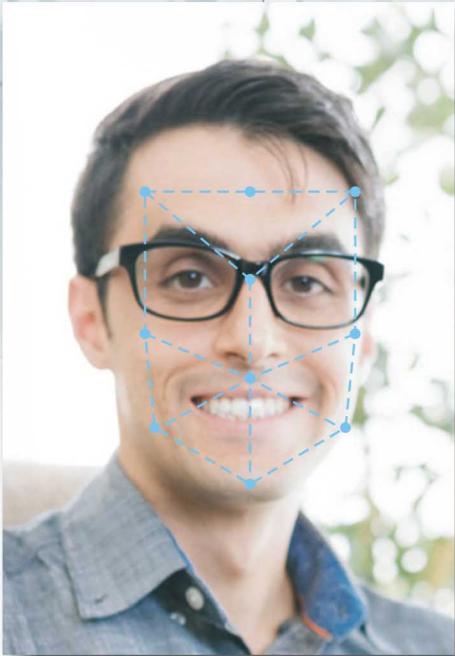




Contactless Smart Access Control Thermal Detection System

CSS-V12 + CSS-A12



Facial recognition with body temperature detection plays an important role under the coronavirus pandemic. Any infection that's detected early can potentially save several lives. This system captures and recognizes the human face, temperature detection, and integration with access control & time attendance.

Features:

- Face / RFID recognition for security/safety gates
- Real-time alarm for abnormal body temperature
- Intelligent software displays People temperature flow
- High precision non-contact temperature measurements
- Thermal scanner and alert interactive with access controller
- Snapshot: if somebody over temperature value, it will take a snapshot certainly

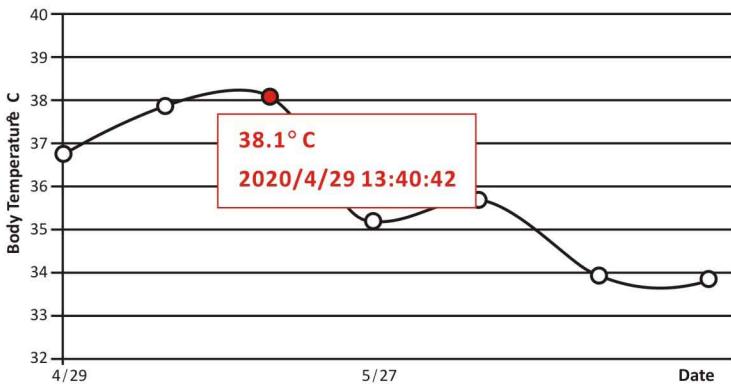
Temperature Sensor	
Pixel	16*4
FOV	60°x16°
Distance	<30cm
Thermal Range	23 ~ 43°C
Thermal Accuracy	±0.5 °C
Resolution	0.1°C
Refresh Rate	4-6Hz
Operating Temperature	16°C ~ 35°C
Operating Humidity	95%RH
Work Voltage	3V
Work current	<100mA
Response time	<300ms
Complies with RoHS regulations	

Facial Recognition	
Software Application	SoMac/ Browser
Processor	ARM based 32 bits
Verification Mode	FACE/ Pincode/ Card
Proximity	EM/ Mifare/ Desfire
Face Capacity	2,000/ 10,000
Card Capacity	20,000
Access Log	100,000
Snapshot Log	5,000 Images
Web Base Management	Yes
PUSH methodology for real time log	Yes
IP Mode	Static IP/Auto IP(DHCP Client)
Verification Speed	< 1 second
Built-in relay	1 lock relay / 1 alarm relay
Inputs	3 inputs (Exit Button/Door Sensor/Fire Alarm)
Communication	TCP/IP / RS-485/ WG

Web Browser Access Log with Temperature

Access Log				
No.	User	Date	Time	Temp.
26.	Bill	06/02/2020	09:30:36	35.9
27.	Absalom	06/02/2020	09:30:29	42.4
28.	Jason	06/02/2020	09:30:21	36.3
29.	Betty	06/02/2020	09:30:15	34.9
30.	Andy	06/02/2020	09:29:26	33.2
31.	Kevin	06/02/2020	09:28:44	36.5
32.	Barnett	06/02/2020	09:28:35	43.2
33.	Benson	06/02/2020	09:28:27	36.3

SoMac Software User Daily Health Report



Structure

