FACE TEMPERATURE

THERMO-GRAPHIC ACCESS CONTROL SYSTEM

TABLE OF CONTENT

OVERVIEW

Integrated Thermo-graphic Access Control which measures facial temperature and immediately detects fever even wearing a mask. It can be configured to grant access or prevent the person from entering depending on the temperature detected on the person's face.

Face which has been detected by Face Temperature device will be sent to the server.

SUITABLE FOR :

- Office Areas
- Hotel
- Access Gates
- Office Buildings
- Schools
- Shopping Malls
- Shops

- Communities
- Public Service
- Management Projects
- Other place where face access control is required

OBJECTIVES

Controlling attendance with face recognition accurately even wearing a mask or glasses

Preventing unknown people from entering public and private premises

Preventing virus spread

Maintaining a safe environment

SOFTWARE

DASHBOARD

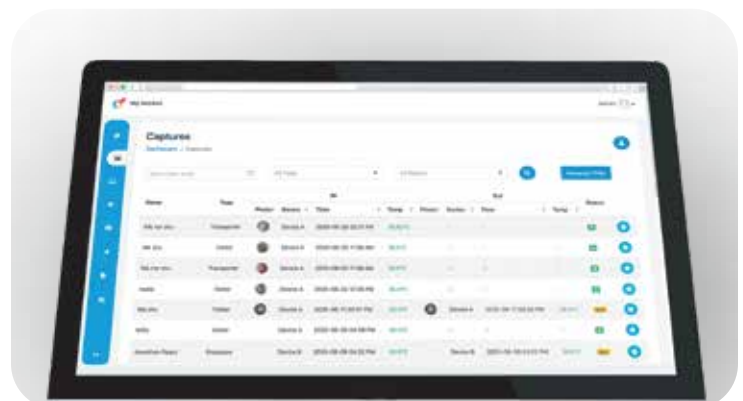This feature display an update about how many registered person, employees, visitor and attendance are.

CAPTURES

This feature display list of person that has been captured by the Face Temperature device. It contains of name, type (description whether the person is employee, visitor or someone else) , photo of the person, device used, time in or out when it is captured, temperature and status as well.

INTEGRATED HARDWARE

Face Detection

With temperature measuring
access control machine

Non-contact automatic body temperature detection, high-precision infrared body temperature collection while brushing face, fast and efficient

Support 22,400 face matching libraries and 100,000 face recognition records

Automatically identify people without masks and provide real-time warning

Support temperature data SDK and HTTP protocol connection

Specification

Hardware	
Processor	3v
Operating System	Static state ≤5 µA ; Emitting current
Storage	1.5cm
Imaging Device	433MHz/868MHz
Lens	200m (open air)
Camera Parameters	
Video camera	Binocular camera, support live detection
Effective Pixels	2 million effective pixels, 1920 * 1080
Minimum illumination	Color 0.01Lux @ F1.2 (ICR); black and white 0.001Lux @ F1.2
Signal to noise ratio	≥50db(AGC OFF)
Wide dynamic range	≥80db
Face performance	
Face recognition height	1.2-2.2 meters, adjustable angle
Face recognition distance	0.5-2 meters
Perspective	Up and down 40 degrees
Recognition time	＜500ms
Features	Support 22400 face comparison libraries and 100,000 face recognition records
Temperature performance	
Temperature measurement range	30-45（℃）
Temperature measurement accuracy	±0.3（℃）
Temperature measurement distance	0.3-0.8m
Response time	＜300ms

Interface	
Network Interface	RJ45 10M / 100M adaptive Ethernet port
Wiegand interface	Support Wiegand input and Wiegand output, support Wiegand 26 and 34
Alarm Output	1 switching output
USB interface	1 USB interface (can be connected with ID card reader)

General parameters	
Powered by	DC 12V/3A
Equipment power	20W(MAX)
Operating temperature	0°C - +50°C
Working humidity	5 ～ 90% relative humidity, no condensation
Equipment size	123.5 (W) * 45.5 (D) * 266 (H) mm
Equipment weight	1.7 kg

XTEND INDONESIA
Global Leading AI Tech Company

Electronic
Magnetic Lock

The EM locks are powered by its excellent consistent holding force and provide a lifetime warranty for its magnet

Specification

Item : EM Lock LED Type

Holding : Up tp 600 lbs (272 kg)

Voltage Input : DC 12V

Current Drawn : 12V>0.48A

Weight : 1.8kg

Magnet Size : 250(L) x 48(W) x 26(H) mm

Armature Size : 180(L) x 38(W) x 11(H) mm

General Features : No Residual Magnetism

IDG-600LED

+Low Energy Consumption
+Brushed Anodized Aluminium
+ Adjustable Mounting Bracket

STANDARD OPERATION PROCEDURE

Employee

Scan Face

Below 37.5°C

Above 37.5°C

Send Alert
PIC (Telegram)

Approved

Not Approved

XTEND INDONESIA
Global Leading AI Tech Company

Walk In Visitor

Scan QR Codes

Fill Up Digital Form

Scan Face Temperature

Below
37.5°C

Above
37.5°C

Receptionist

Alert to PIC
Hospital
(Telegram)

Call Person In Charge

Below 37.5°C
Second Scan

Above 37.5°C
Second Scan

Approve

Not Approve

Alert to PIC
Hospital
(Telegram)

Add to
Black List

XTEND INDONESIA
Global Leading AI Tech Company

Contractor

Scan QR Codes

Fill Up Digital Form

Scan Face Temperature

Below 37.5°C

Above 37.5°C

Receptionist

Alert to PIC Hospital (Telegram)

Call Person In Charge

Below 37.5°C Second Scan

Above 37.5°C Second Scan

Approve

Not Approve

Alert to PIC Hospital (Telegram)

Add to Black List

XTEND INDONESIA
Global Leading AI Tech Company

Transporter / Logistic

Scan QR Codes

Fill Up Digital Form

Scan Face Temperature

Below
37.5°C

Above
37.5°C

Receptionist

Alert to PIC
Hospital
(Telegram)

Call Person In Charge

Below 37.5°C
Second Scan

Above 37.5°C
Second Scan

Approve

Not Approve

Alert to PIC
Hospital
(Telegram)

Add to
Black List

XTEND INDONESIA
Global Leading AI Tech Company

CSC& HQ Interview

Scan QR Codes

Fill Up Digital Form

Scan Face Temperature

Below
37.5°C

Above
37.5°C

Receptionist

Alert to PIC
Hospital
(Telegram)

Call Person In Charge

Below 37.5°C
Second Scan

Above 37.5°C
Second Scan

Approve

Not Approve

Alert to PIC
Hospital
(Telegram)

Add to
Black List