FACE RECOGNIZE
& TEMPERATURE
MEASUREMENT PANEL

EASI introduce FR temperature measurement which integrate face recognition with thermal temperature monitoring module. It records information, scan face, and read temperature of users without touching surface of users.Then, the data will be recorded in back-end system. Real time warning alert if users was detected unmask or under high temperature. In addition, the device open for integration to visitor management. This FR solution brings more advantages as comparedto manual temperature scanning.

STEP TO USE

STEP 01
Face Recognition access control system collect information of users (QR code, IC, finger print, etc).

STEP 02
User face to Face Recognition device to take face recognition and temperature scan.

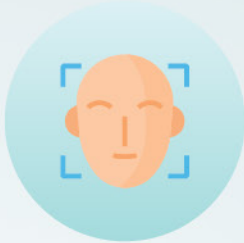36.5 ℃

STEP 03
Data will be recorded in back-end system.

STEP 04
Real time warning alert if detect unmask and out of range temperature.

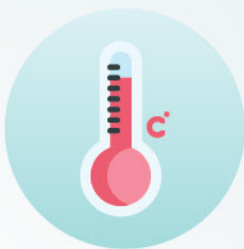# ADVANTAGES OF FACE RECOGNITION TEMPERATURE MEASUREMENT

- Save time to collect information from visitors.
- Trace back visitors record in database.
- Reduce human error to key in data.
- System will alert when temperature of visitors out of range and face unmask.
- Integrate to access and exit control system without human control.

CORE FUNCTION

Accurate Face Recognition
- Recognize face accurately in time <500ms. Support 22400 face comparison library and 100,000 face recognition records.

Contactless Temperature Measurement
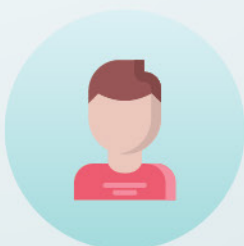- High precision temperature measure-range 30-45 °C (± 0.5°C) without touch-surface of users.

Tracking System
- Modules that allow to auto register information of users through fingerprint, scan QR code, IC card reading, etc.
- Data will be recorded in back-end system.

Intelligence Alert
- Provide real-time warning if detect unmasked personnel & high temperature Alert abnormal temperature in voice messages, lightning, etc.

Attendace & Visitor Manage-
- FR system open to integrate to visitor management such as turnstiles at access and exit.

SPECIFICATION

Hardware

Chipset : Hi3516DV300
System : Linux Operation System
RAM : 16G EMMC
Image Sensor : 1/2.7" CMOS
Lens : 4.5mm

Temperature

Range : 30 - 45 (°C)
Accuracy : ± 0.03 (°C) Indoor
Best Distance : ≤ 0.5m
Response Time < 300ms

Camera Parameters

Camera : Binocular Camera Supports Live Detection
Effective Pixel : 2Mega Pixel, 1920*1080
Min. Lux : Color 0.01Lux @F1.2(ICR);
B/W 0.001Lux @F1.2
SNR : ≥50db (AGC OFF)
WDR : ≥80db

Interface

Internet Interface : RJ45 10M / 100M Ethernet
Weigand Port : Support Input / Output 26 & 34
Alarm Output : 1 Channel Relay Output
USB Port : 1 USB Port
(Can Be Connected To ID Identifier)

Face Recognition

Height : 1.2 - 2.2M, Angle Adjustable
Distance : 0.5 - 3 Meters
View Angle : Vertical ± 30 Degree
Reco. Time : < 500ms
Function : Support 22400 Faces Database
& 100000 Records

General

Power Input : DC 12V/3A
Power Consumption : 20W (Max)
Working Temperature : 10°C ~ +50°C
Humidity : 5 ~ 90%, No Condense
Dimension : 123.5(W)*45.5(H)*266(L)mm
Weight : 1.9kg

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