

Smart Temperature Measuring Camera

# Smart Check



## Non-Contact Temperature Measurement System

Smart Check is an advanced AI (Artificial Intelligence) Face recognition / Temperature Check Access Control System that identifies a person and measures body temperature accurately. Due to its advanced deep learning technology, this solution can recognize the face even if the mask covers the people's faces.



### ■ Features

#### 1. Non-Contact Temperature Measurement

Even if people wear a mask, Smart Check can recognize face accurately, and measure the temperature in less than a second.



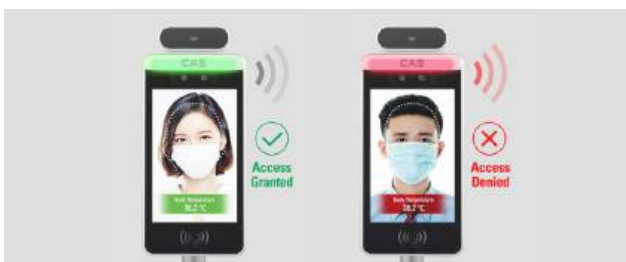
#### 2. Automatic Alarm with Voice Guidance

After Checking the face and temperature, Smart Check send alarm and voice message immediately, if someone have a high temperature or didn't wear a mask.



#### 3. Face Recognition

Using NO.1 face recognition AI technology from SenseTime, Smart Check creates the database with its recognition history, up to 30,000 people.



#### 4. Easy Operation

Smart Check can be easily operational because of Accurate Sensor from Heimann, Android-based System, and multi-language support.

### ■ Application



### ■ Specification

MODEL		Smart Check
Display	Display	8.0 inch IPS LCD screen
	Resolution	800 x 1280
Camera	Resolution	2 million pixels
	Type	Dual Wide Dynamic Camera
	Floodlight	LED and IR Dual Photo Floodlight
OS		Android 7.1.1
Storage		EMMC 8G
Interface	USB	USB OTG x 1, USB Standard-A x 1
	Serial communication	RS232 Serial Port x 1
	Relay	Single Pole Single Throw (2A 30VDC, 0.28A 220VAC)
	Wiegand	Wiegand 26/34 I/O
	Wired network	RJ45 Ethernet Socket x 1
	Card reader	None (Option: IC card reader, ID card)
Function	Face Database	Up to 30,000
	Key Function	1: 1 Face Comparison, Stranger Detection Access Control by Visitor's Temperature
	Temperature Alarm	Support
	Interface	Device management Personnel/Photo Management, Record Search, etc.
Operating		Stand-Alone, LAN (Connect to Existing System)
Infra-Red Thermal Detection	Detection Distance	1m (Optimal Distance: 0.5m)
	Accuracy	≤ ±0.3 ~ 0.5°C
	Range	10 ~ 42°C
	Pixels	32 X 32 pixels
General Parameter	Power	DC 12V (±10%)
	Operating/Storage Temperature	10 ~ 40°C / -20 ~ 60°C
	Power	13.5W (Max)
	Installation Type	Gate Bracket, Wall Mount, Table Top, Stand (Adult/Child)
	Size	296.18 x 132.88 x 25 (mm)

