LEVERAGING ON TEMPERATURE SCANING AND FACE RECOGNITION TECHNOLOGY AS YOUR FIRST LINE OF DEFENCE AGANIST CORONAVIRUS SPREAD

With hotels and enterprises opening, protecting employees and customers safety in NEW NORMAL poses great challenges to every management……

To cope with challenges of Covid-19 pandemic, it is crucial to effectively manage and control the access of employees, customers and visitors into a building. GuestControl™ ScanSafe™ TSM-5080 Smart Contactless Temperature Scanning and Identification System is the perfect entry management solution to keeping your premises Coronavirus secure.

Built with advanced sensor, temperature screening thermo graphic camera and facial recognition technology, GuestControl™ ScanSafe™ TSM-5080 detect body temperature with various alarm alerts & reports can be extremely effective to use for temperature screening and access control in hotels, office buildings, hospitals, banks, stations, airports and various public places. Its advance thermal scanning technology, the system can even remind anyone who forget to put on a protective face mask. With multiple interfaces, The equipment can be easily interfaced to various existing gate entry systems.

Equipped with additional Contactless Hand Sanitizer, GuestControl™ ScanSafe™ TSM-5080 can dispense user with Sanitary Soap, gel or foam to stay clean prior to entering the building.

GuestControl™ ScanSafe™ TSM-5080 is by far the most advanced and effective professional temperature screening and disinfection system available today at affordable prices.

GUESTCONTROL™
The Choice of Excellence

INTELLIGENT
INNOVATIVE
POWERFUL

www.guestcontrol.net

SCANSAFE™ TEMPERATURE SCANNER WITH FACE RECOGNITION AND SANITIZER DISPENSER

Model: TSM-5080

INTRODUCTION

GuestControl ScanSafe Model:TSM-5080 Temperature Scanner with face recognition and Sanitizer Dispenser uses Rockchip RK3288 high-performance hardware platform, equipped with industrial-class binocular camera, live face recognition technology and infrared thermal imaging module to support face-with-mask identify.

It supports 1: 1 and 1: N face comparison and retrieval, face-with-mask recognition and human temperature detection. In addition, it supports automatic alarm alert for body temperature abnormality. It also supports expansion of various peripherals such as ID card readers, fingerprint readers, etc. With multiple interfaces, it can be integrated to gate passages and attendance system to achieve safe and efficient access control for personnel.

FEARURES HIGHLIGHTS

- 8-inch IPS full-view LCD display.
- Supports 30,000 face database. The 1: 1 comparison recognition rate is more than 99.7% accuracy, the 1: N comparison recognition rate is more than 96.7%@0.1% mis-recognition rate, and the live detection accuracy rate is 98.3%@1% mis-rejection rate. Face recognition pass speed is less than 1 second.
- Supports accurate face recognition and comparison while wearing a mask.
- Using industrial-grade binocular wide dynamic camera, night infrared and LED dual photo flood lamp.
- Support processors with strong performance: Rockchip RK3288 quad-core processor, Rockchip RK3399 six-core processor and Qualcomm MSM8953 octa-core processor.

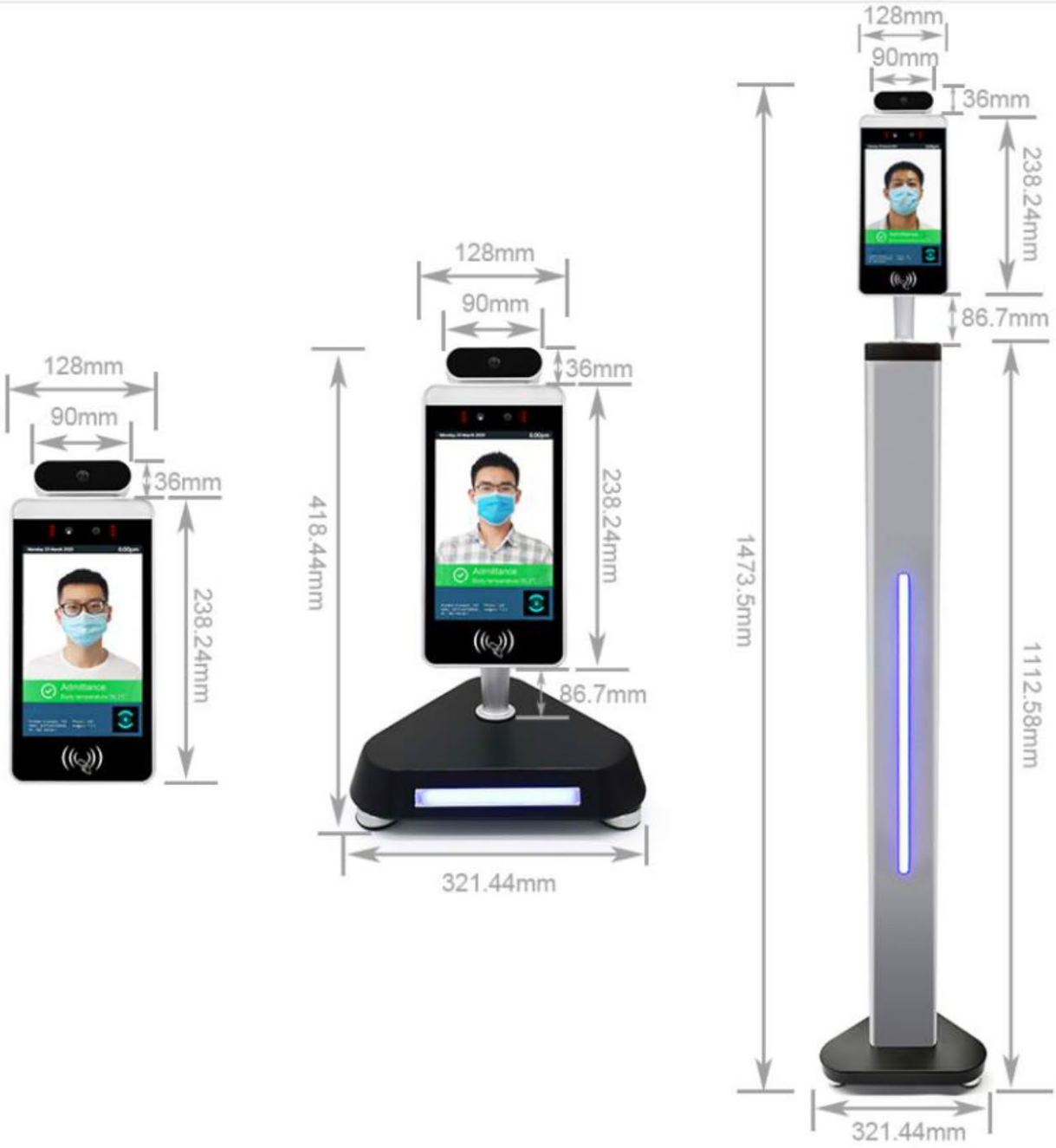
- Supports human body temperature detection and temperature display. The best temperature detection distance is 0.5 meters. The longest distance at which body temperature can be measured is 1 meter. The measurement error is plus or minus 0.2 ℃.
- It only takes a few seconds for detection, and supports automatic alarm for body temperature abnormality.
- Attendance temperature measurement data is exported in real time.
- Support system level, APP offline level, APP + background network level multiple API docking.

SPECIFICATIONS

SCREEN	
Size	8.0 inches IPS LCD screen
Resolution	800×1280
Brightness	300cd/m2
Contrast	800:1
Display Area	172×107mm
SYSTEM	
CPU	RK3288 quad-core
Memory	2GB
Storage	EMMC 8G
OS	Android 7.1
CAMERA	
Resolution	2 million pixels
Type	Binocular wide dynamic camera
Aperture	F2.4
Focusing distance	50-150cm
White balance	Auto
Photo flood light	LED and IR dual photo flood light
INTERFACES	
Network	Ethernet & Wi-Fi
Audio	2.5W / 4R speakers
USB	1 USB OTG, 1 USB HOST standard A port
Relay Output	1 door open signal output
Serial Communication	1 RS232 serial port
Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 input
Upgrade Button	Support U-boot upgrade button
Wired Network	1 RJ45 Ethernet socket
FUNCTION	
Face Detection	Supports detection and tracking of multiple people at the same time
Face Library	Up to 30,000
1: N Face Recognition	Support
1: 1 Face Comparison	Support
Stranger Detection	Support

Identify Distance	Support
Configuration	Support
UI interface Configuration	Support
Upgrade Remotely	Support
Interface	Interfaces include device management, personnel / photo management, record query, etc.
Deployment Method	Support public cloud deployment, privatized deployment, LAN use, stand-alone use
INFRARED THERMAL IMAGING MODULE	
Temperature Detection	Support
Temperature Detection Distance	0.5-1 meters
Temperature Measurement Accuracy	≤ ±0.5℃
Operating temperature range	10℃~35℃
Thermal Field of View	32 x 32
Visitors' Temperature is Normal and Released Directly	Support
Abnormal Temperature Alarm	Support (temperature alarm value can be set)
GENERAL	
Power	DC12V（±10%）
Operating temperature	0℃~40℃
Storage temperature	-20℃~60℃
Power consumption	13.5W（Max）
Installation method	Wall Mount (Desktop stand/Floor stand is optional)
Accessories	power adapter * 1, manual * 1, certificate of conformity * 1

MEASUREMENTS



1. Wall-mount
2. Desktop
3. Floor standing

WALL-MOUNT

1. Fix the wall mount bracket to the wall installation position specified by the device with screws
2. Fix the upper slot of the module device on the mainframe hook of the wall-mounting bracket, and fix the hole under the device with a combination screw below.

INTERFACES

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