Product introduction of 8-inch body temperature measuring all-in-one machine

Product Brief:

Wall-mounted temperature measurement face recognition access management module, using Rockchip RK3288 high-performance hardware platform, equipped with industrial-grade binocular camera and face biometric recognition technology, and infrared human body temperature measurement module, is a high-performance, high reliability product. Support 1:1 and 1:N face comparison and retrieval, support mask recognition, support human body temperature detection, high temperature warning, and support the expansion of various peripherals such as ID card reader, fingerprint reader, etc., can be applied to access control and attendance to achieve safe and efficient access control for personnel.



Features:

- 1. Using 8-inch IPS full-view LCD display.
- Industrial grade appearance, waterproof and dustproof design, stable and reliable.
- 3. Support 20,000 face database. The 1:1 comparison recognition rate is over 99.7%, the 1:N comparison recognition rate is over 96.7%@0.1% false recognition rate, and the living body detection accuracy rate is 98.3%@1% false rejection rate. The speed of face recognition is less than 1 second.
- 4. Support accurate face recognition and comparison while wearing a mask.
- 5. Using industrial-grade binocular wide dynamic camera, night infrared and LED dual photo flood lamp.
- Standard Rockchip RK3288 quad-core processor, Cortex A17, 1.8G, powerful performance.
- 7. Support human body temperature detection and temperature display. 1 meter ultra-distant body temperature detection, the measurement error is plus or minus 0.3°C. Support automatic alarm of abnormal body temperature, only takes a few second for detection, real-time export of attendance temperature measurement data.

8. Support various peripheral expansion such as ID card reader,

fingerprint reader, IC card reader, QR code reader, etc. but this function is unopened.

 Support system level, APP offline level, APP + background network level multiple API docking. The documentation is complete and supports secondary development.

Definition of wire interface



Specification :

	CPU	RK3288, Quad Core, Cortex A17,1.8G
Sustam	RAM	2GB
a factor	ROM	8G
	Operating System	Android 7.1
Screen	LCD display	flinch LCD
	Resolution	800*1280
	Contras	800:1
	Brightness.	250 cd/m2
	Touch Screen	Non-touch (Touch optional)
	screen rati-	.16:9
Network	WIFI	802.11blg/n
	Ethernet	100M / 1000M R.H5 Port
	Elluetooth	Bluetooth 4.0
	Resolution	200W
	Types	dynamic binocular camera
Camera	aperture	F2.4
	Focusing distance	50-150cm
	White balance	Auto
	flash	NIR: 850nm inhared LED light
	USB Hosta	USB Host 2.0 *1
	usa.org	USB-OIG 1
1220422900	Wired network interface	Ethernet interface
	Serial interface	1 RS232 surial port
Interface	Balay output	1 door open signal output
	Wienand Interface	Wiegend 26/34, one in & one out
	Unorade botton	Support Uboot Update button
	Power lack	OC input
	Face Canacity	Max 20k
	1: N face recognition	support
	1. 1 face comparison	Minored
	Recombing distance configuration	macro
	Demute device unstade	mpcot.
Function	Ill interface configuration	mpport
	Theying interface	whote management strend many str
	The relevance of mathead	development 1 AN one stand above use
	All of a second land	support
	Present of the second s	support
	Stranger detection	support
Infrared thermal	Human body temperature detection	support
	Temperature detection distance	Tm (The best distance is 0.5 meters)
	Temperature measurement accuracy	\$10.3℃
imaging module	Temperature measurement range	1012-4212
36466662900020	Visitor's body temperature is normally release	support
	Body temperature over temperature alarm	Support (temperature alarm value can be wit)
Media player	Video format.	H.264, VP8, RV, WMV, AVS, H.263, MPEG4, etc.
	audio format	MP3,WMA,WAV, APE, FLAC, AAC, OGG,MIA, 3GPP
	Image Format	Picture zoom function
	Speaker	1.5W/4R
	Microphone	support
Others	Card reader	support
Chiera	OSD tanguage	Multi lenguage supported
	Operation temperature	0. dideore
	Second and the second	0(32/14
	power suppry	on any
	Operating temperature	U C-CU C
everal transferr	Storage temperature	40 C-60 C
	Installation method	wall mount / floor stand (optional)

The software background supports switching between Chinese and English software settings, and supports multiple languages such as simplified Chinese, English, Italian, Polish, German, Russian, Thai, Spanish, French, Arabic, Korean, Vietnamese, Indonesian, Czech Chinese, Romanian, Japanese, Kazakh, Slovak, Dutch, Portuguese, etc.

Support mask mode, mask interception, living body detection, high temperature alarm and other functions.

、脸参	数设置(FacePass)	
B	口罩检测	C
0	口罩拦截	
	活体检测	
C	夜晚模式(屏幕补光)	
9	夜晚时间 18:30~6:30	>
D	相机方向后置	>
(识别距离 0.8米	>
9	算法角度 90	>
Ð	预览角度 90	>
	人脸框镜像 镜像	>
	分辨率 1280x720	>
B	人脸框角度 90	>
00	前摄像头镜像	>
00	后摄像头镜像 非镜像 非镜像	>
	抓拍角度 90	>

Application scenario:

Can be matched with access gates and access control for communities, office buildings, schools, hotels, scenic spots, transportation hub centers and other public service places.

Applications



construction site





Government



Community



Self-service store

Factory





Office building



Hospital / clinic

Installation method:

Support wall-mounted, floor-mounted, desktop installation.





FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.