HARDWARE	
LCD	8" | 1280 x 800 pixels
TOUCH INTERFACE	None
Chipset	RK3288
System	ANDROID 7.1
Memory	8 GB
RAM	2 GB EMMC
NETWORK	WiFi | Ethernet
Bluetooth	Supported

CAMERA PARAMETERS	
Camera	Binocular camera supports live detection
Effective Pixel	2 MP | 1920 x 1080 pixels
Min. Lux	Color 0.01 LUX @ F2.4 (ICR) | B/W 0.001 LUX @ F2.4
Image Sensor	1/2.7" CMOS
Lens	4.5mm
Distance	50~150CM

INTERFACE	
Network Interface	RJ45 10/100 Mbps
Weigand Port	Support Input/Output 26 & 34
USB Port	1 USB OTG | 1 USB HOST A
RS232 Port	3-wire RS232 (T/R/G)
Audio	2.5W/4R Speaker
Upgrade	UBOOT
Alarm Output	1 channel relay output

FUNCTIONS	
NFC	STANDARD WITHOUT (IC/ID Card Reader Optional)
Face Detect	Multiple supported
Face Amount	30,000
1:N Facial recognition	Supported
1:1 Facial recognition	Supported
Stranger recognition	Supported
UI Interface Setting	Supported
Remote upgrading	Supported

INFRARED THERMAL IMAGING MODULE	
Temperature measure	Automatic
Measure distance	0.5 ~ 1M
Accuracy rate	≤ ± 0.2 °C | ≤ ± 0.35 °F
Measuring range	25 °C ~ 45 °C | 77 °F ~ 113 °F
Field of View	32 x 32 °C/°F
Normal Temp	Pass | Access Granted
Abnormal Temp	Alarm | Access Denied

GENERAL	
Power input	12VDC/3A
Power consumption	13.5W (max)
Working temperature	0 °C ~ 60 °C
Humidity	5~90% | No Condensation
Net Weight	1.5 kg
Warranty	1 Year

Main Performance

➢ 8-inch PS full-view LCD display;

➢ Supports 3W face database, 1: 1 comparison recognition rate is over 977%, 1: N comparison recognition rate is over 967% @ 0.1% misrecognition rate;

➢ The accuracy rate is 98.3%@1% false rejection rate, Face recognition pass speed is less than 1 second

➢ Supports accurate face recognition and comparison while wearing a mask

➢ Using industrial binocular wide dynamic camera with night infrared and LED dual fill light

➢ Support optional Rockchip RK3288 quad-core processor, Rockchip RK3399 six-core processor and Qualcomm MSM8953 coat-core processor;

➢ Support human body temperature detection and temperature display by 1-meter ultra-long distance of body temperature detection, with only 0.3 ℃ detection error, support automatic alarm for body temperature abnormality, with fast detection speed, support export of attendance temperature measurement 's real-time data;

➢ Supports to add various peripherals such as ID card reader, fingerprint reader, IC card reader, 2D barcode reader, etc.(Under the premise of having software.)

➢ Support system-level, APP offline-level, APP + background network-level multiple AP docking, complete documentation, support for secondary development

Specification：

Display	Size	8.0 inch
	Resolution	800×1280
Processor	CPU	Rk3288 quad cores/ rk3399 six cores/ msm8953 eight cores
	Local storage	EMMC 8G
Camera	Pixels	200W
	Type	Binocular wide dynamic camera
	Focus distance	50-100cm
	White balance	Auto
Accessory	Fill light	LED and infrared double fill light
Interface	Network module	Support Ethernet, wireless (WiFi)
	Audio	Support 2.5W/4R horn
	USB	1*USB OTG,1*USB HOST Standard A port
	Serial	1*RS232
	Relay output	1
	Wiegand interface	1*26/34 output,1*26/34 input
	Upgrade button	Sport Uboot upgrade button
	LAN	1*RJ45
Function	Face detection	Support multiple people detection and tracking
	Face database capacity	30 thousands
	1:N Face recognition	Supported
	1:1 face-matching	Supported
	Stranger detection	Supported
	Detection distance configuration	Supported
	UI interface configuration	Supported
	Remote upgrade	Supported
	Device interface	Interface includes equipment management, personnel / photo management, record query, etc
	Deployment mode	Support public cloud deployment, private deployment, LAN use, stand-alone use
Infrared thermal imaging module	Human body temperature detection	Supported
	Temperature detection	1meter（Optimal distance 0.5 meter）

	distance	
	Measuring Accuracy	≤ ±0.5℃
	Measuring range	10℃~42℃
	Thermal imaging field of view	16 x 4 dots
	Visitors with normal temperature will be passed directly	Supported
	Over temperature alarm	Support (temperature alarm value can be set)
General Parameters	Power	DC12V(±10%)
	Working temperature	-10℃~60℃（Temperature measurement range 10°C ~ 42°C）
	Storage temperature	-20℃~60℃
	Consumption	13.5W(Max)
	Mounting type	Gate support installation
	Dimension	238.24*128*25(mm)
	Weight	1.45kg