Wall Mount Temperature and Face Recognition Pass Management Device

Address - 89/77 Enterprize Park, Bangna-Trad Rd, Bangkaw, Bangplee, Samutprakarn - TH
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Introduction

Pass management device of temperature measurement & face recognition uses Rockchip RK3288 / RK3399 / Qualcomm MSM8953 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: Nface comparison and retrieval, face-with-mask recognition and human temperature detection. It supports automatic alarm for body temperature abnormality. It also supports expansion of various peripherals such as ID card readers, fingerprint readers, etc., which can be applied to gate passages and attendance system to achieve safe and efficient access control for personnel.

Features

- 8-inch IPS full-view LCD display.
- Industrial-class appearance, waterproof and dust-proof design which is stable and reliable.
- Supports 30,000 face database. The 1: 1 comparison recognition rate is more than 99.7%, 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.
- The documentation is complete and supports secondary development.
- Support system level, APP offline level, APP + background network level multiple API docking.

Screen	
Size	8.0 inch IPS LCD screen
Resolution	800×1280
Brightness	300cd/m2
Contrast	800:1
Display Area	172×107mm
System	
CPU	RK3288 quad-core (optional RK3399 six-core, MSM8953 eight-core)
Memory	2GB
Storage	EMMC 8G
OS	Android6.0
Camera	
Resolution	2 million pixels

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Type	Binocular wide dynamic camera
Aperture Focusing distance	F2.4 50-150cm
White balance	Auto
Photo flood light	LED and IR dual photo flood light
Interface	
Network	Ethernet&Wifi
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 Uboot 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
IC card / ID card Reading	**Optional**
Infrared Thermal Imaging Module	
Temperature Detection	Support
Temperature Detection Distance	1 meter (optimal distance 0.5 meter)
Temperature Measurement Accuracy	≤ ±0.2℃
Temperature Measurement Range	10℃~42℃
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℃~60℃

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Storage temperature	-20℃~60℃
Power consumption	13.5W（Max）
Installation method	Wall Mount (Desktop stand/Floor stand is optional)
Size	274.24*128*21.48（mm）
Accessories	power adapter * 1, manual * 1, certificate of conformity * 1

Draw

Wall Mount Installation Manuel

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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.

Optional Installation Method

Floor Stand

Desktop Stand

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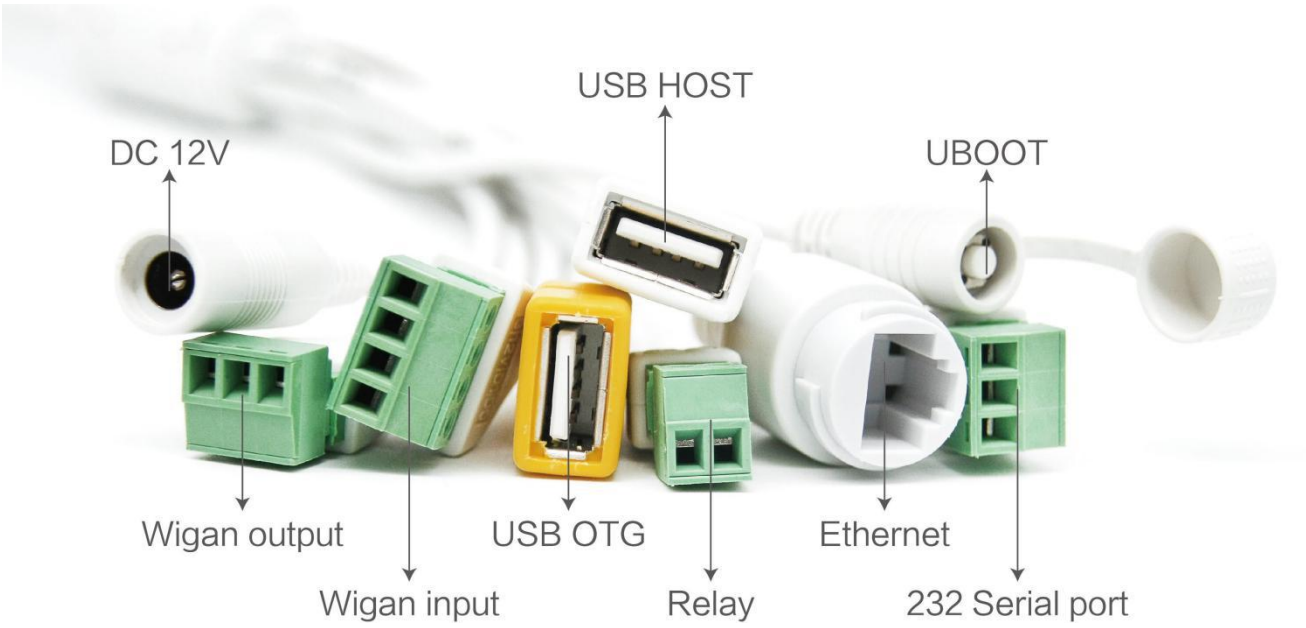
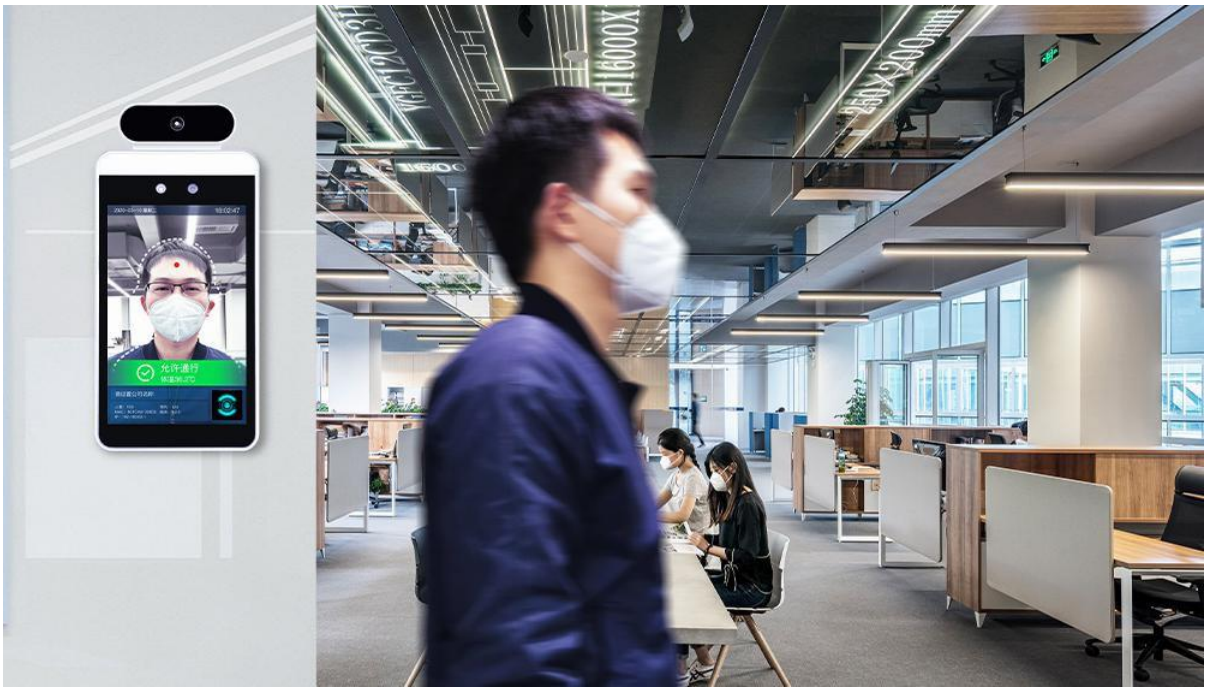
Interface



Application

Can be used with access gates and attendance for communities, office buildings, schools, hotels, scenic spots, transportation hubs and other public service places.



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