

AccuTemp

Wall Mountable Temperature and Facial Recognition Admittance Management Device



Introduction

AccuTemp is an admittance management device equipped with temperature measurement & facial recognition technology. This device uses the Rockchip RK3288 high-performance hardware platform, and is also equipped with an industrial-class binocular camera, live facial recognition

Floor Stand



Application

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



Wall Mount Installation Manuel

1. Attach 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

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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
Infrared Thermal Imaging Module	
Temperature Detection	Support
Temperature Detection Distance	3.3 feet (optimal distance 1.64 feet)
Temperature Measurement Accuracy	≤ ±0.9°F
Temperature Measurement Range	50°F~107.6°F
Thermal Field of View	89.6 X 89.6°
Visitors' Temperature is Normal and Released Directly	Customizable
Abnormal Temperature Alarm	Customizable (temperature alarm value can be set)
General	
Power	DC12V (±10%)
Operating temperature	32°F~140°F
Storage temperature	0°F~140°F
Power consumption	13.5W (Max)
Installation method	Wall Mount (Desktop stand/Floor stand is optional)
Size	10.8*5.1*.85 (in)
Accessories	Power Adapter * 1, Manual * 1, Certificate of Conformity * 1
WEIGHT	17LBS (7.71 KG)

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technology and infrared thermal imaging to support face-with-mask identification. It supports 1:1 and 1:N facial comparison and retrieval, face-with-mask recognition and human temperature detection. Automatic alarms trigger when abnormal body temperature is detected. AccuTemp also supports expansion, via various peripherals such as ID card readers, fingerprint readers, etc., which can be applied to entrances and attendance systems 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 is stable and reliable.
- ◆ Supports up to 30,000 faces in a database. The 1:1 comparison recognition rate is more than 99.7% accurate, 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. Facial recognition speed is less than 1 second.
- ◆ Supports **accurate facial recognition and comparison while wearing a mask.**
- ◆ Equipped with industrial-grade binocular wide dynamic camera, infrared mode for use at night, and an LED dual photo flood lamp.
- ◆ Uses a processor with strong performance: Rockchip RK3288 quad-core processor.
- ◆ Supports **human body temperature detection and temperature display.** For best results, the temperature detection distance should be 1.64'. The furthest distance at which body temperature can be measured is 3.3'. The measurement error is plus or minus 0.9° F.
- ◆ It only takes a few seconds for detection, and supports **automatic alarms 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	6.77×4.21 inches
System	
CPU	RK3288 quad-core
Memory	2GB
Storage	EMMC 8G
OS	Android7.1
Camera	
Resolution	2 million pixels
Type	Binocular wide dynamic camera
Aperture	F2.4
Focusing distance	20-60 inches
White balance	Auto
Photo flood light	LED and IR dual photo flood light
Interface	
Network	Ethernet & Wifi
Audio	2.5W / 4R speakers