

# RA08T-A

Face Recognition Temperature Measurement  
& Alcohol Detection Terminal



Face Recognition



Temperature Detection



Alcohol Detection

## RA08T-A

RA08T-A is a multi-functional biometric time attendance access control terminal, which not only supports facial recognition, temperature detection, but also adds an alcohol sensor to detect the user's blood alcohol content. RA08T-A has a variety of styles, supporting wall-mounted, desktop, gate and other installation methods, suitable for a variety of places that need to use personnel management, access control.

## SPECIFICATION

OS	Android 11.0
Display	8" Full view angle IPS LCD touch screen
Screen Resolution	1280*800 HD display
Dimension	373.7 (L) *133 (W) *85.7 (H) mm
Weight	3KG(Device Only)
Operating Temperature	-10°C ~ 60°C
Working Humidity	10% to 90%
Power Supply	DC12V(±10%)
Power Consumption	10W MAX
Installation Method	Turnstile, Wall mounted, Desktop, Floor Type
Protection Level	IP45

## HARDWARE

CPU	Quad core, 1.8GHz
RAM	2GB
ROM	16GB
Filling Light	LED filling light
Communication	Support wired, wireless(2.4GHz Wi-Fi)

## TEMPERATURE SENSOR

Temperature Module	Built in Temperature module
Error Range	±0.3°C

## OPTIONAL

HDMI Interface	Optional HDMI interface
4G Module	Optional 4G module
RFID Reader	Optional IC card reader / HID card reader
Fingerprint Module	Optional FBI certified FAP10 capacitive fingerprint sensor
QR Code Scanner	Optional QR Code Scanner, Support verification of vaccination certificate QR code

## INTERFACE

Serial Communication Interface	RS232
Relay Output	NC,NO and COM
Wiegand Interface	Support Wiegand 26/34 input/output
Reset button	Yes
Interface	USB2.0, RJ45

## FACE RECOGNITION CAMERA

Dual Camera	2.0M(RGB Camera); 1.3M(Infrared Camera)
Camera Type	Wide dynamic camera
Aperture	4mm
Focal Length	0-2m
White Balance	Automatic
Wide Dynamic	Automatic

## FACE RECOGNITION

Facial Data Capacity	50,000 face data
Multi-person Detection(Optional)	Support
1:N Face Recognition	99.99%
Stranger Detection	Support
Remote Upgrade of Equipment	Support
Recognize Distance	Support (0.5m~4m)

## ALCOHOL DETECTION

Alcohol sensor type	Electrochemical type alcohol sensor
Range	0mg/100ml~400mg/100ml
Resolution	1mg/100ml
Sensitivity	5mg/100ml
Measurement error	Standard gas concentration <100mg/100ml at BAC Under base operating conditions ±8.0mg/100ml
Operating temperature range	-5°C ~50°C
Storage temperature range	-30°C ~70°C
Baseline working environment conditions	Temperature: 25°C ±%, Humidity: >80%RH, Atmospheric pressure 86 kPa~106kPa



Floor stand type



Retractable type



Standard desktop type



Desktop type



Wall mounted version



Turnstiles Version

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