GS-SN-M5208AT-B

Face Recognition Terminal

Key Features

- Non-contact temperature measurement

- Temperature measuring range: 30 °C to 45 °C (86 °F to 113 °F)

- Accuracy: 0.1 ° C, Deviation: ± 0.3 °C, Face recognition distance: 0.3 to 1.5 m

- Voice prompt will be triggered and door status (open/close) can be configured when detecting abnormal temperature

- Face recognition duration < 0.5 s per face, face recognition accuracy rate ≥99%

- 24,000 face capacity, 160,000 event capacity

- Displays temperature measurement results on the authentication page

- 8 Inch IPS HD display, video lag-free, ghost-free

- Suggested height for face recognition: between 1.2 m and 2.2 m

- Support TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocols on Window/Linux OS

- Support I/O, WG26, WG34, RJ45, USB, RS485 interfaces

- MTBF > 50000h

- Support SDK for Application Development and Integration

Specification

System

Processor	Dual-core processor
Operating System	Embedded Linux
Internet Protocols	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT
Interoperability	ONVIF, GB28181

Temperature Measurement

Temperature Range	30 °C to 45 °C (86 °F to 113 °F)
Sensor	Medical grade sensor (Europe standards)
Measurement Deviation	±0.3℃
Measurement Accuracy	0.1℃
Measuring Distance	≤30cm
Response Speed	300ms

Function

Authentication Mode	Face Recognition (FR) Face (FR) + temperature measurement
Face Recognition Distance	0.3 to 1.5m
Face Anti-Spoofing	Support
Audio Prompt	Support
Face Recognition Accuracy	≥99%
Face Recognition Time	< 0.5 s
Face Image Capacity	24,000
Record Capacity	160,000 event capacity
Web Configuration	Yes
Remote Update	Supported
Deployment	SDK / MQTT for Application Development

Basic

Display	8 inch display
Camera	Dual-lens
Sensor	1/2.8" 2MP Progressive Scan CMOS
WDR	120dB
Light Compensation	Auto white light Auto IR light

Interface

Ethernet	1 RJ45 10M/100M Ethernet port
Alarm Output	1 (Programmable Switch)
Wiegand	1 input, 1 output
USB	1 USB2.0 port
RS485	1 port

General

Power Supply	DC12V / 2A
Power Consumption	Max 20W
Working Temperature	16℃ ~ 40℃(60.8°F ~ 104°F) No airflows indoor (notes for details)
Working Humidity	0～90%, no condense
Salt spray	Rp6 above
Antistatic	Contact ±6KV, air ±8KV
Dimensions	252(L) × 136(W) × 26(H)mm
Column Aperture	36mm
Weight	1.7 kg
Bracket	Option Available SN-EK365A (Table Top) SN-EK364A (Floor Standing 1.4m) SN-EK363A (Floor Standing 1.1m)

Dimensions(mm)
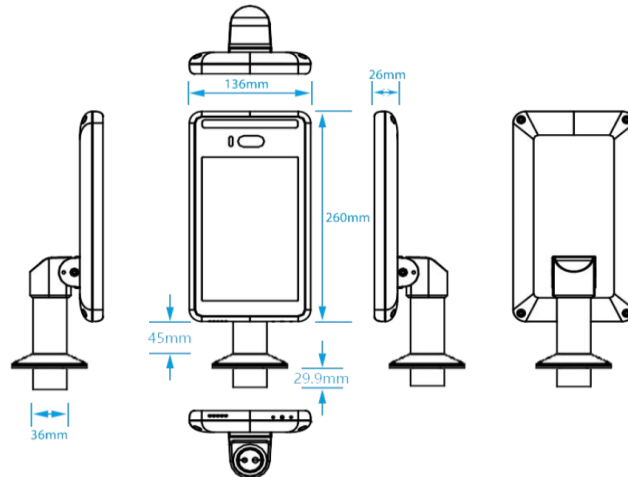
Interface
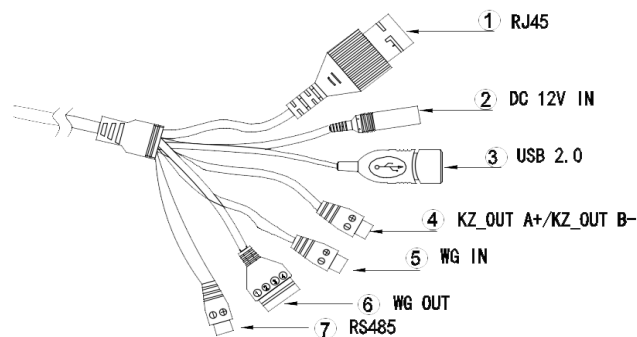
No.	Interface	Number	Notes
1	Internet	1	RJ45
2	Power	1	DC12V In
3	USB	1	USB 2.0
4	Alarm out	1	Switch mode signal A+/B-
5	Wiegand in	1	
6	Wiegand out	1	
7	RS485	1	

Attentions:

1. System should be installed in a room with room temperature between 16℃-40℃, no air flow

2. Personnel entering the room from a cold outdoor environment will affect the temperature measurement accuracy

3. Start testing 10mins after powering on wait until the sensor temperature and environment temperature come stable.

4. Keep heater/AC 3m away from the system.

5. The forehead temperature test should be performed after the forehead is unobstructed for three minutes and the temperature is stable.

6. Temperature could vary because of humidity, blower and spray.

7. When there is water, sweat, oil or thick makeup on the forehead or the elderly have more wrinkles, the read temperature will be lower than the actual temperature.

8. The temperature read by the temperature measuring device is the temperature in the forehead area. Make sure there is no hair or clothing covering.