



GMM Facial Recognition with Body Temperature Detection



SKU: TA8201R8T
Manufacture warranty period: 12 months
Country of Origin: China

Introduction:

This facial recognition and thermal detection terminal device can detect elevated skin temperatures brought on by various external causes, can be widely used in aisles, gates, gates and other controlled entrances or areas.

2MP temperature measurement face recognition smart panel machine series products, adopting LCD display screen, embedded deep learning face recognition algorithm, integrated high-precision thermal imaging temperature measurement chip, AI intelligent access control products with ISP image processing and other technologies.

This device has powerful functions such as face detection, mask detection, face recognition comparison, body temperature detection, living body judgment etc. Accurately captures personal information (such as facial information, identity information, whether wearing a mask, etc.) through the camera's field of view, and body surface temperature.

It can effectively help users manage access rights and monitor body temperature status, help prevent epidemics. Users can manage the access rights offline by loading the face database to the device. It can also use with attendance software to achieve employee attendance management. It is widely used in residential access control, barrier gate passage, office buildings and other scenarios!

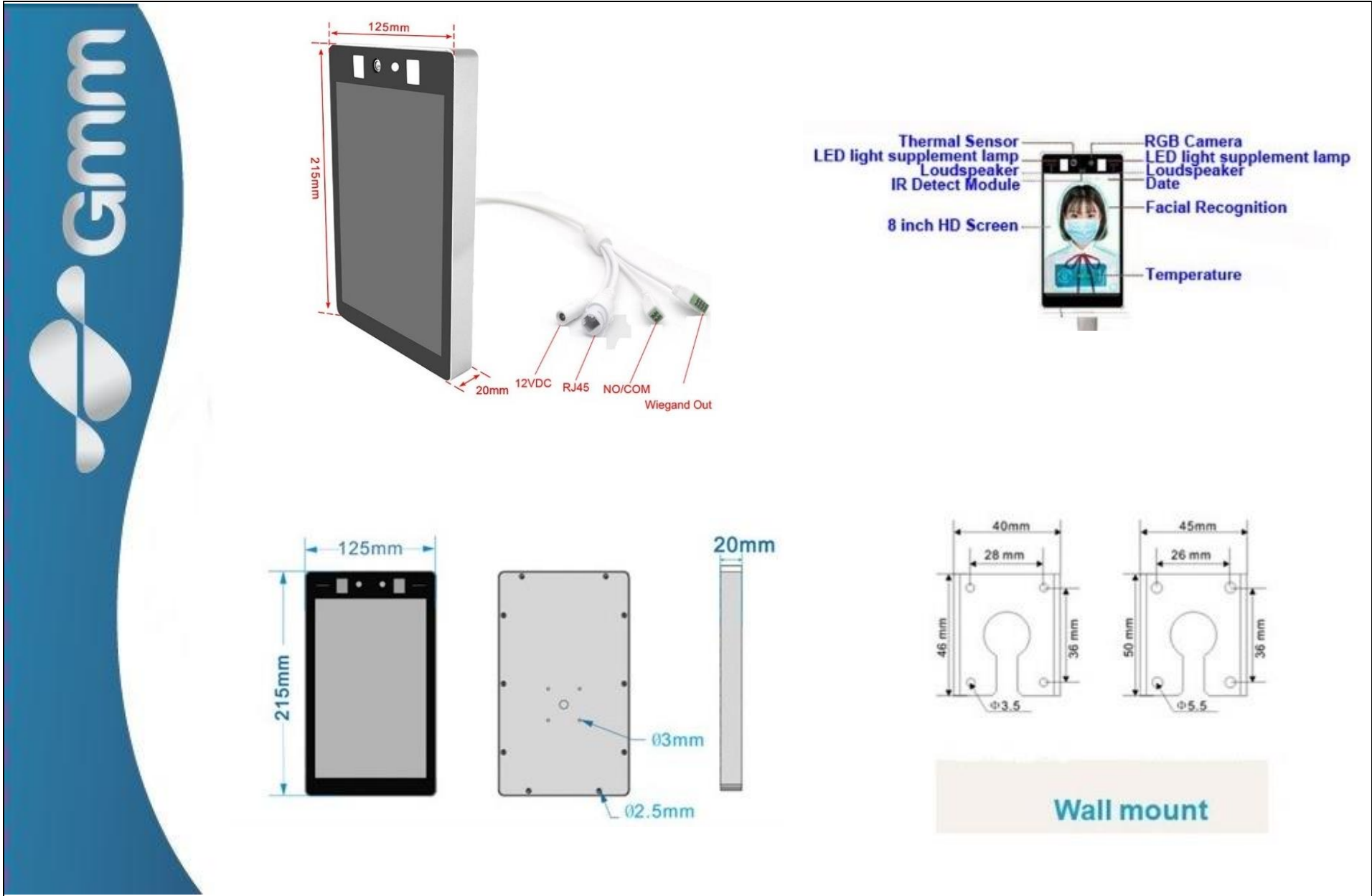


Features:

- 8" LCD display
- Facial recognition with and without mask
- Precise non-contact forehead temperature measurements
- Display Resolution 0.1°C
- 50,000 number of face database

Specification:

- Display: 8" LCD
- Smart Camera: 2MP CMOS
- **Thermal Parameter**
 - Sensor: Thermal imaging infrared temperature sensor
 - Temperature range: 35.0°C to 42.0°C
 - Resolution: 0.1°C
 - Precision: $\pm 0.3^\circ\text{C}$
 - Detection distance: 0.4m ~ 0.7m
- **Visible Parameters**
 - Lens: Focal length 1.8mm, Field of View: 118°
 - Mini illuminated: 0.005Lux F1.2 colour mode
 - Dynamic range: $\geq 120\text{dB}$
 - S/N Ratio: $\geq 46\text{dB}$ (AGC OFF)
 - Exposure mode: Program mode (customizable shutter interval), shutter mode (1/5 - 1/20,000s) support for slow shutter
 - White balance: Auto, indoor, outdoor, sodium lamp mode, manual
 - Digital noise reduction: Support DNR, 3DNR
 - Day and night mode: Fixed colour
- **Image and Compression**
 - Video compression: H.265 Main Profile / H.264 High profile / M-JPEG
 - Max resolution: 1920x1080@30fps
 - Resolution:
 - Main stream: 1920x1080, 1280x960, 1280x720, 720x576
 - Sub stream: 640x480, 352x288, 320x240, 176x144
 - MJPEG: 1920x1080, 1280x720, closed
 - Output bit rate: (CBR or VBR), Bitstream setting range: 32Kbps~10Mbps
 - Audio compression: G711, PCM
 - Character overlay: Support channel name, date and time overlay, adjustable overlay position;
- **AI (Artificial Intelligence)**
 - Number of face database: 50,000 sheets
 - Recognition speed: $\leq 300\text{ms}$
 - Live detection / Mask detection: support
 - Body temperature alarm: support
- **Interface**
 - Power: DC12V
 - Network: 1ch 10/100BaseT Ethernet RJ45 interface
 - Wiegand: 1ch Wiegand output interface
 - Switch: 1ch relay output
 - Audio: Built-in 2ch audio output
- **Physical Characteristics**
 - Working Temperature: -10°C ~50°C
 - Working Humidity: 0%-90% RH
 - Power Consumption: 5W
 - Size: 215 x 125 x 20mm
 - Weight: <1kg





Access control software V1.1.8.M Device Online

Datetime: 2020/03/19 16:42 | 2020/03/20 16:42 | [Export attendance record](#)

ID	Name	Time	Temperature	Wear a mask	Event description
008	XIE	2020-03-19 18:15:14	36.3°C	Yes	Recognized and Passed
008	XIE	2020-03-20 11:53:57	36.0°C	Yes	Recognized and Passed
008	XIE	2020-03-20 16:40:00			Recognized and Passed
008	XIE	2020-03-20 16:40:00			Recognized and Passed
008	XIE	2020-03-20 13:52:16	36.5°C	Yes	Recognized and Passed
008	XIE	2020-03-20 13:52:20	36.7°C	Yes	Recognized and Passed
008	XIE	2020-03-20 13:52:20	36.7°C	Yes	Recognized and Passed
008	XIE	2020-03-20 13:52:25	36.7°C	Yes	Recognized and Passed

Note: The log information was successfully queried. The current total number of records is 42.

Access control software V1.1.8.M Device Online

ID	Name	Gender	Age	List the type	
1	XIE	Man	0	white list	 Edit Delete
3	DENG	Woman	0	white list	 Edit Delete

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1.685 meters Heavy Duty Tripod

Features:

- 1/4" standard interface screw
- 35mm thick steel pipe
- Reinforcement knob with solid positioning pin
- Thick nylon bracket
- Non-slip foot cover
- Firm tripod with stability support

Specifications:

- Colour: Black
- Load Capacity: 60kg
- Folded Length: 895mm
- Extended Length: 1080 to 1685mm
- Tube Size: Dia.35mm
- Load Capacity: 60kgs
- Material: Iron round tube + plastic components
- Weight: approx. 4360g

