IFD-52T-PB

5 Inch Forehead Temperature Monitoring
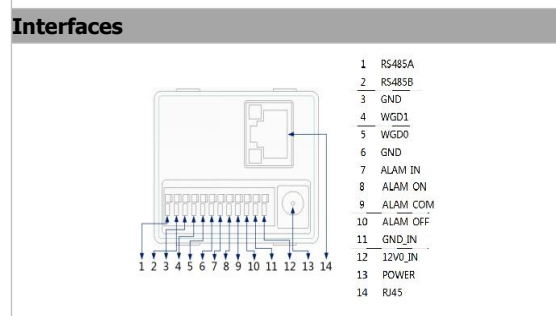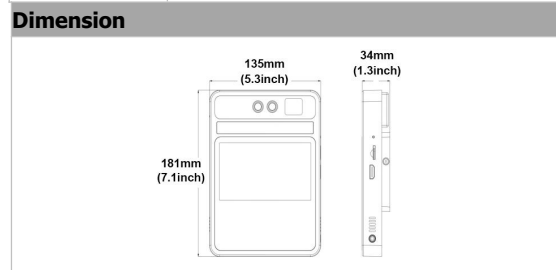### 2MP Binocular living facial recognition terminal

Features.

> Integration of facial capture, comparison function, infrared temperature measurement function

> Support the output of real-time video stream to other device, one complete facial capture, recognition, infrared temperature Monitoring function

> Temperature anomaly alarm: non-contact forehead temperature Monitoring within one second，Monitoring distance 25-40cm, temperature error range ±0.5°C,abnormal temperature linkage acousto-optic alarm

> Industrial grade design, pitch Angle, left and right rotation adjustable

> Support living facial Monitoring, effective prevention of photos and video spoofing

> Face database can reach 10,000pcs, flexible face template import, support single, batch image file import and real-time capture import

> Support face types of ordinary people, whitelist people, blacklist people, etc.

> Support IC card Reader Modules optional

> Support recognize result linkage I/O, wiegand port output, voice broadcast

> Can be widely used in access control channels, wall-mounting attendance and other scenarios.

Human Temperature Measuring Terminal

Specifications.

Screen

Dimensions	5 inch, full-angle IPS LCD screen
Resolution	1280x720

Camera

Type	Dual Camera Design
Sensor	1/2.8" SONY starlight CMOS
Resolution	1080P @ 30fps
Lens	3.6mm*2

Body temperature measurement

Measuring site	forehead
Temperature range	34-42 ℃
Temperature measuring distance	25-40cm
Temperature measurement accuracy	± 0.5 ℃
Temperature measurement response	≤ 1 s

Face recognition

Monitoring Type	Support living facial Monitoring, effective prevention of print photos, phone photos and video spoofing
Facial recognition distance	0.3-1.3m, support Monitoring target size filter adjustment
Recognize face size	Pupils distance ≥ 60 pixels; Face pixel ≥150 pixels
Face database capacity	Support built-in ≤ 10000 faces; support black/white list
Posture	Support side face filter, comparable within 20 degrees in vertical and 30 degrees in horizontal
Occlusion	Ordinary glasses and short sea retention have no effect on recognition.
Expression	Under normal circumstances, slight expressions do not affect recognition.
Response Speed	≤ 1 s
Face exposure	Support
Local Storage	Support storage of 100,000 records
Recognition area	Full image recognition, support zone optional setting
Upload Method	TCP, FTP, HTTP, API function calling upload

Network Functions

Network protocol	IPv4, TCP/IP, NTP, FTP, HTTP
Interface protocol	ONVIF, RTSP
Security Mode	Authorized username and password
Event linkage	TF card storage, FTP upload, alarm output linkage, Wiegand output linkage, voice broadcast
System Upgrade	Support remote upgrade
Other	/

Accessories

Supplementary light	IR light, LED white light
Identification Module	Support built-in IC card reader module optional -
Speaker	Support voice broadcast after successful recognition
Network Module	Support built-in Wi-Fi module optional

Interface

Network Interface	RJ45 10M/100M Network Adaptation
Alarm Input	1 Input
Alarm Output	1 Output
RS485 interface	Support
TF card slot	Supports up to 128G of local storage
HDMI	Reservation
Wiegand interface	Support Wiegand 26, 34, 66 protocols
Reset key	Support
Anti-disassembly switch	Support

General

Operating Temperature	-10 ° C ~ 50 ° C
Working humidity	0%-90%
Protection Level	/
Power Supply	DC12V
Power dissipation (maximum)	≤ 12 W
Dimensions (mm)	135mm (W) * 181mm (H) * 34mm (T) / 7.1inch(W)*5.3inch(H)*1.3inch(T)
Installation Method	Embedded Installation/ Floor Support Installation

Dimension

135mm (5.3inch)	34mm (1.3inch)
181mm (7.1inch)	

Interfaces

1	RS485A
2	RS485B
3	GND
4	WGD1
5	WGD0
6	GND
7	ALAM IN
8	ALAM ON
9	ALAM COM
10	ALAM OFF
11	GND_IN
12	12V0_IN
13	POWER
14	RJ45

Brackets

Wall mount Bracket (Included)	Floor Bracket (Optional)
Junction box installation Bracket	> Materail：high quality alloy > Height-adjustable: 0.8-1.5m > 360° Horizontal and 90° vertical rotatable > Base diameter: 30cm