

FR08

Palm vein recognition

Face | Palm vein recognition | RFID
| Android 11 | IP67



FR08 Recognition of palmar vein

FR08 is the new facial recognition access control terminal launched by HFsecurity in 2022, which is an 8" HD touch screen with dual camera facial recognition, IC card recognition, Palmprint Identification. FR08 supports various functions such as attendance management, access control, stranger detection, mask detection, etc. FR08 has IP67 intrusion protection level and can work normally under the condition of raindrop splashing, so it can be used outdoors with confidence.

Specification

Screen Size	8-inch, full-view IPS LCD
Resolution	1024*600,brightness 350cd
Protection Level	IP67
Power Consumption	DC12V
Electromagnetic Radiation	No frequency point exceeds the standard
Static Electricity	4K/8K
Working Humidity	10%-90%
Working Temperature	15-30°C
Power Supply	5W MAX
Installation method	Wall mounting, counter-top bracket, gate mounting, floor standing bracket
OS	Android 11

Hardware

RAM	2GB
ROM	16GB
ISP	Built-in dual-way ISP
Patch Light	Infrared, LED fill light
Network Module	Support wired, 2.4Gwifi, 4G (optional)
Battery (optional)	Optional battery can be added for outdoor use

Function

Local off-line Use	Local 2W face database
1:N Face Recognition	Support
1:1	Support
Stranger Detection	Support
Recognition Distance Setting	Support
Device Remote Upgrade	Support
Device Interface	Device management, authority management, Personnel/photo management, record query, etc.

Camera

Resolution	2.0M pixels
Type	RGB+IR
Aperture	2.0mm
Facial Length	50-150CM
White Balance	Automatic

Interface

Audio	One way audio line out
USB Interface	USB2.0 micro *2
Serial 232	2 RS232 interfaces, 1 WG input,1 WG output
Wiegand Interface	2.5mmX2PIN
Reset Interface	Side hole position, external button
OTG Interface	1 way

Palm

OTG Interface	56.5*56.3*21.3 (mm)
Grayscale	256 level
Image size(W*H)	(480*640) pixels
Aberration rate	<1%
Standby power consumption	0.85W
Operating environment	Temperature:-15°C~55°C
Humidity	20%~80%(no condensation)
Working voltage	5V
Applicable angle	Horizontal rotation soil 30° Front and back tilt soil 30°
Comparison mode	1:1,1:N
Capacity	10000 palms
Accuracy	FAR 0.0001% FRR 0.01 %
Recognition time	<0.5s
Acquisition distance	10cm~25cm



- 1 IR+RGB face recognition camera
- 2 8" touch screen
- 3 RFID card reader
- 4 Palm vein recognition
- 5 Speaker
- 6 modular

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