

5 inch Plastic Two Cameras Real-Time Human Body Detection Face Recognition Terminal



Model: SFR-012 - 5 inch model
Face Recognition Device without Touch Panel

Main Features:

- Support human face tracking exposure in strong backlight environment
- Unique face recognition algorithm, accurate recognition of faces, face recognition time is less than 0.5s
- Using LINUX operating system, the system is stable
- H.265 encoded video stream is directly connected to storage devices such as NVR through ONVIF protocol and GB28181 protocol
- Support local storage of TF card, continuous storage of pictures for 1 year, video continuous storage for 1 month or longer (related to the optional TF card capacity)
- MTBF> 50000h
- Support 10,000+ face comparison library and 60,000 recognition records
- Rich interface protocols, support TCP / IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocols under multiple platforms such as Windows / Linux
- Working temperature: -30° C -60 ° C
- Indoor IP54 waterproof and dust proof
- Support tamper alarm
- Support microphone input audio, speaker output audio
- Rich hardware interfaces (I / O, WG26, WG34, RJ45, door sensor, doorbell, door open, alarm, RS485)
- 5-inch IPS full-view high-definition display with no smearing or delay
- Automatic gain and automatic white balance, so that the true colors of the image are restored naturally

Specification:

Model No.	SFR-012
Hardware	
Processor	Dual-core+1G memory+8G EMMC
Operating system	Linux Operating system
Storage	Support TF card storage
Camera	Two cameras, effective pixels, 1920 * 1080
Sensor	1/2.8" Progressive Scan CMOS
Lens	6mm
Card type	Support reading 13.56MHz Mifare
Wifi module	Optional
Speaker	Standard configuration, voice playback content can be customized
Performance	
Recognition height	1.2~2.2 meters, Angle can be adjusted
Recognition distance	0.5~1.5 meters, depends on lens
Face angle	30 degrees left and right, 30 degrees up and down
Recognition time	Less than 0.5 second
Capture capacity	60,000 capture records
Face capacity	10000
Interface	
Power input	DC12V/2A
Network Interface	1x RJ45 10M / 100M Adaptive Ethernet port
Wiegand Interface	1ch Wiegand interface input/output
Alarm Interface	1 fire alarm input, 1 alarm output
Door magnetic interface	1 door magnetic interface input
Door opening interface	1 door open interface input
Doorbell interface	1 doorbell interface input
Door lock interface	1 door lock interface output
Communication Interface	1 RS485 communication interface

Camera	
Camera	Two cameras, all-glass lens, visible light and near-infrared, supports live detection
Effective pixels	2.1MP effective pixels,1920*1080
Minimum illumination	Color 0.01Lux @F1.2(ICR);black white 0.001Lux @F1.2 (ICR)
SNR	≥50db(AGC OFF)
WDR	120db, ISP algorithm
Video encoding	H.265 Main Profile/H.264 BP/MP/HP/MJPEG
Dual stream Resolution	Main Stream
	Sub Stream
Regular	
Operating temperature	-30℃ - +60℃
Working humidity	0 ~ 90% relative humidity, non-condensing
Power	10W (MAX)
Salt fog level	Rp6 or higher
Antistatic	Contact ± 6KV, Air ± 8KV
Power supply	DC12V/2A
Protection class	IP54
Screen Size	5 inch HD IPS screen
Size	205(L) * 95(W) *20(H)mm

Interface:

Number	Name	Quantity	Remark
1	Ground	1	Black, White:GND
2	Wiegand input & output	1	Orange: WGI_D0, Orange and white: WGI_D1 Brown: WGO_D0, Brown and white: WGO_D1
3	Fire alarm input	1	Yellow: FIRE_ALM
4	Alarm Output	1	Purple: NO, Blue: COM, White: NC
5	Doorbell	1	Light blue: BELL
6	Power	1	Red: WG_12V,Black:GND
7	Door sensor	1	Light Green: DS
8	Door open	1	Green: OPEN
9	Door lock	1	Blue and white: NC, Green and white: COM Gray:NO
10	Rs485	1	Red: 485+, Black: 485-

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