

Fever Screening Face Recognition Terminal (FSFRT)



- *All-in-one solution with non-contact body temperature measurement, attendance management and access control*
- *Optional and configurable audio alarm*
- *Efficient mask detection and face recognition within 100ms*
- *Convenient data track with body temp and entrance record*
- *Max. resolution of 1920×1080@30fps. 2D&3D noise reduction ensures clear and smooth image quality*

Features

- ✓ Embedded with high accuracy thermal module and biometric detection
- ✓ 50,000 face image storage
- ✓ Support Wiegand protocol to command different lock controllers and turnstiles
- ✓ Low power consumption (mainboard consumption 5W) and easy maintenance
- ✓ Reliable, stable and scalable Linux architecture
- ✓ Customization of both hardware and application software is available



Construction Site



Residence Entrance



Business Building



Hotel



Factory

Fever Screening Face Recognition Terminal

Thermal Module	Sensor	Infrared Thermal Temperature Sensor	
	Effective Pixels	32*32	
	Temperature Range	35°C~42°C	
	Accuracy	±0.3°C	
	Effective Distance	0.4~0.7 meters	
Visible Light Module	Lens	Focal Length: 1.8mm; FOV: 118°	
	Min. Illumination	0.005Lux@F1.2 Color	
	WDR	≥120dB	
	S/N Ratio	≥46dB (AGC OFF)	
	Exposure Mode	Program mode (custom shutter speed), Shutter mode (1/5 - 1/20,000s), Slow shutter	
	White Balance	Auto, Indoor, Outdoor, Sodium, Manual	
	Noise Reduction	DNR, 3DNR	
	Day/Night	Color	
Image & 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, Shut off
	Bit Rate	CBR, VBR, Configurable range: 32Kbps~10Mbps	
	Audio Compression	G711, PCM	
	OSD	Display of date, time, channel No.	
AI	Face Library Storage	Up to 50,000 faces	
	Response Speed	≤300ms	
	Biometric Detection	Support	
	Face Mask Detection	Support	
	Abnormal Body Temp Detection	Support (Audio Alarm)	
Hardware Interface	Power	DC12V	
	Network	1, 10/100BaseT Ethernet RJ45 interface	
	Wiegand	1, Wiegand output	
	Switch Measurement	1, Relay output	
	SD Card	Max. 128G	
	MIC	Embedded	
	Audio	2 Audio output interface embedded	
General	Working Temperature	-10°C ~50°C	
	Working Humidity	0%-90% RH (Non-condensed)	
	Power Consumption	5W	
	Dimension	215x125x20mm	
	Weight	< 1kg	