

**FACE RECOGNITION &  
TEMPERATURE MEASUREMENT  
TERMINAL**

**GS-SFT01**





### Features

- Camera : 2MP cameras
- Waterproof : IP66
- Display : 7 inch IPS HD LCD, 600x1024
- Hardware interface : RS485, RS232, RJ45, relay
- Output fill light lamp : infrared fill light, white light
- Temperature measuring distance : 0.5~1.3 m
- Face recognition distance : 0.5~2.2 m
- Temperature error :  $\pm 0.3^{\circ}\text{C}$
- Human face capacity : 30,000
- Identification accuracy : 99.5%
- Recognition speed : approx. 200ms

### Access control solution

SecuSight GS-SFT01 is a contactless access control system designed to protect your business area from potential exposure to viral infection. With minimum configuration, the system can be accessed from both local and external network with intuitive user interface for easy operation and management. Equipped with infrared thermal imaging technology and deep learning algorithms, SecuSight GS-SFT01 can quickly identify the person's body temperature and facial identity for efficiency in real life applications.

### Highly accurate fever detection

The conventional temperature measuring with handheld thermometer requires both manpower and manual work. It also requires to maintain close distance with the examinees which can raise the chance of infection. SecuSight GS-SFT01 automatically measures temperature within a safe distance while saving manpower. As it is designed for biometric screening, it delivers a precise measurement within a distance of 1 meter.



### AI facial recognition

The facial recognition system of SecuSight GS-SFT01 is powered by deep neural network which can detect the individual's facial identity within 200ms, even when the person is wearing a mask. The ones without a mask or with abnormal body temperature can be instantly recognized and informed to your access control system to prevent the entrance of unknown risks. The system can hold up to 30,000 faces and can recognize in a split second even from a 2 meter distance.

### Easy set up and management

SecuSight GS-SFT01 can be thoroughly managed through a web manager. With its intuitive web interface, you can easily control your organization's entrance system with various features such as uploading snapshots and access logs, department and employee management, and system configuration. You can access your web manager via any kind of web browser including Internet Explorer, Chrome, and Firefox.

### No complex installation

SecuSight GS-SFT01 simply requires a power cable to fully operate. After you connect the power, you can simply connect the LAN cable to your router or your PC for initial set up. Just a simple network configuration will be required from your PC and it is good to go. The overall installation process will only take you approximately 5 minutes.



Model		GS-SFT01
System	Main Processor	MX3520
	Operating System	Embedded LINUX
	RAM	DDR3 512MB
	ROM	EMMC 8GB
Screen	Dimensions	7 inch IPS HD LCD screen
	Resolution	600*1024
Temperature measurement camera	Type	2MP camera
	Sensor	1/5" GC2145
	Resolution	NIR 800*600 15fps
	Lens	2.4mm
Face recognition camera	Sensor	1/2.8" Sony STARVIS CMOS sensor IMX307
	Resolution	Color 1920*1080 30 fps
	Lens	4.5mm
Temperature detection	Measuring site	Full screen recognition
	Temperature range	Indifferent human body temperature measurement
	Distance	0.5-1.3m, 0.75m is the best
	Accuracy	± 0.3°C
Face recognition	Detection Type	Mask detection only
	Face recognition distance	0.5-1.5m
	Face database capacity	Max. support 30,000 faces
	Face Posture	Vertical 58°-60°, horizontal 35°
	Occlusion	Wearing glasses and hairstyles have no effect on recognition.
	Expression	Slight expressions under normal circumstances does not affect recognition.
	Response Speed	Minimum 200ms
	Face exposure	Support
	Local Storage	25,000 records
	Recognition area	Full screen recognition
Upload Method	TCP, HTTP, MQTT	



Model		GS-SFT01
Network functions	Network protocol	IPv4, TCP/IP, HTTP
	Interface protocol	Private protocol
	Security Mode	Authorized password
	Event linkage	Voice broadcast, Abnormal event upload to the platform
	System Upgrade	Support remote upgrade
Accessories	Supplementary light	IR light, LED white light
	Audio out	Built in Speaker support voice broadcast after successful recognition
Interface	Network Interface	RJ45 10M/100M Network Adaptation
	Relay Output	Supported
	RS485 interface	Supported
	Reset key	Supported
General	Housing	Aluminum alloy, Ultra-white tempered glass panel, IP66
	Operating Temperature	10 °C ~ 50 °C
	Working humidity	10% -90% Non-condensing
	Storage Temperature	-40 °C ~ 70 °C
	Storage humidity	5% -95% Non-condensing
	Power Supply	DC12V
	Power dissipation (max.)	≤ 12 W
	Dimensions (mm)	219 (W) * 111 (H) * 21.5 (T)
Bracket size (mm)	φ33*189	