

Face Recognition Thermometer



Specification

Processor	Model	TA-1081D
	Sensor model	TA-1081D
System	Chip	Hi3516CV500
	Operation system	Embedded LINUX operating system
Video	Image Sensor	1/2.8 IMX327
	Compression	H.264/H.265
	System	PAL 50HZ/NTSC 60HZ
	Resolution	1920*1080/1280*720
	LCD size	7 inch LCD display
	Video bitstream	128kbps-12288kbps (default variable code rate)
	SNR	SNR ≥69dB
	Minimum illumination	Day mode 1Lux,night mode 0.01Lux
	D/N mode	Automatic(passive mode)/day mode/night mode/automatic mode/timing
	AWB/BLC/AGC/WDR	AUTO
	AES	AUTO/ 1/50 (1/60) -1/100,000sec
	Video output	Easytool / EasyVMS / APP/ 7 inch LCD display
	Motion detection	Support
	Screenshot	Support
Recording management	Recording mode	Manual recording ,alarming recording ,timing recording
	Recording storage	TF card (full functional pcb)/PC/NVR
Alarming	Alarming input/output	Support weigen protocol
	Alarming trigger	Motion detection alarming ,speaker alarming ,alarm recording ,capture picture,send email
Network	Wifi module/ protocol	M8188(external 2.4G antenna)/support 802.11 b/g/n(full functional pcb)
	Network protocol	HTTP,TCP/IP,IPV4,UPNP,RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP,IP Search(Support P6S IP camera, DVR, NVR and etc.)
Others	Working environment	-20°C --- +65°C
	Working voltage	Standard DC-12V(wide voltage 10-16V)
	Working current	160mA ±10mA

Product Features

- Hisilicon 3516CV500 series high-performance CPU and SONY HD IMX327/2MP image sensor
- High precision infrared temperature collector, non - contact automatic temperature detection, accurate and efficient
- Support intelligent temperature(surveillance), Synchronous video overlay temperature data real-time display
- Monocular liveness detection, face recognition distance of 0.3-1 meters, photos, video false-proof
- Support mask recognition function, with the recognition accuracy reaching 98%
- Temperature measurement range:30-45(°C), Precision can reach $\pm 0.3^{\circ}\text{C}$
- Unique face recognition algorithm to accurately recognize faces, face recognition time is less than 500 ms,10000 faces compared database.
- Automatically register, record information, avoid manual operation, improve efficiency and reduce missing information
- Automatic identification of people not wearing masks and real-time warning
- Real-time output of authentication results and voice broadcast to give tips

Application Scenario

Apartment



Station



Office building



School

