

# Specifiche tecniche

<b>System</b>	Main Processor	MX3520
	Operating System	Embedded LINUX
	RAM	DDR3 512MB
	ROM	EMMC 8GB
<b>Screen</b>	Dimension	7 inch IPS HD LCD screen
	Resolution	736 x 1280
<b>Camera 1</b>	Type	2MP night vision living detection camera
	Sensor	1/5" GC2145
	Resolution	NIR 800 x 600 15fps
	Lens	2.4mm
<b>Camera 2</b>	Type	Daily camera
	Sensor	1/2.8" SONY Starvis Back-illuminated CMOS sensor IMX307
	Resolution	Color 1920 x 1080 30fps
	Lens	4.5mm
<b>Body temperature detection</b>	Measuring site	Forehead
	Temperature range	36-42 °C
	Temperature measuring distance	0.5-1m, 0.75m is the best
	Temperature measurement accuracy	± 0.3°C
	Temperature measurement response	Face library people: 1.5-2s, Strangers: 2.5-3s
<b>Face recognition</b>	Detection Type	Support living detection, Mask detection
	Face recognition distance	0.5-2.2m
	Face database capacity	Max support 30,000 faces
	Face Posture	(Daytime) vertical viewing 58°-60°, horizontal viewing 35°; (Living body) vertical viewing 48°-50°, horizontal viewing 36°
	Occlusion	Ordinary glasses and short sea retention have no effect on recognition.
	Expression	Under normal circumstances, slight expressions do not affect recognition.
	Response Speed	About 200ms
	Face exposure	Support
	Local Storage	Support storage of 25,000 records
	Recognition area	Full image recognition
	Upload Method	TCP, HTTP, MQTT
<b>Network Functions</b>	Network protocol	IPv4, TCP/IP, HTTP
	Security Mode	Authorized username and password
	Event linkage	Voice broadcast, Abnormal event upload to the platform
	System Upgrade	Support remote upgrade
<b>Accessories</b>	Supplementary light	IR light, LED white light
	Audio out	Built in Speaker support voice broadcast after successful recognition
<b>Interface</b>	Network Interface	RJ45 10M/100M Network Adaptation
	Alarm Output	1 Channel relay output(NC or NO)
	RS232 interface	Support
	RS485 interface	Support
	Wiegand interface	Support Wiegand 26, 34, 66 protocols
	Reset key	Support
<b>General</b>	Housing	Metal body and braket, Plastic screen, IP66
	Operating Temperature	-20 °C ~ 60 °C
	Working humidity	10% -90% Non-condensing
	Storage Temperature	-40 °C ~ 70 °C
	Storage humidity	5% -95% Non-condensing
	Power Supply	DC12V
	Power dissipation (maximum)	≤ 12 W
	Dimensions (mm)	219 (W) x 111 (H) x 21.5 (T)
	Bracket size (mm)	∅ 25 x 189
	Installation Method	Desktop Installation/Floor Support Installation