SPECIFICATION

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

Camera

Type	2MP camera
Sensor	1/5" GC2145
Resolution	NIR 800*600 15fps
Lens	2.4mm

Camera

Type	Daily camera
Sensor	1/2.8" SONY Starvis Back-illuminated CMOS sensor IMX307
Resolution	Color 1920*1080 30fps
Lens	4.5mm

Body temperature detection

Temperature range	35℃-42℃
Temperature measuring distance	0.5-1.3m, 0.75m is the best
Temperature measurement accuracy	±0.3℃

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	Ordinary glasses and short fringe 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 screen recognition
Upload Method	TCP, HTTP, MQTT

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
Identification Module	/
Audio out	Built in Speaker support voice broadcast after successful recognition
Network Module	/

Interface

Network Interface	RJ45 10M/100M Network Adaptation
Alarm Input	/
Alarm Output	Support 1 channel
Relay Output	Support
RS485 interface	Support
Wiegand interface	Support Wiegand 26, 34 protocols
TF card slot	/
HDMI	/
Reset key	Support
Anti-disassembly switch	/

General

Housing	Aluminum alloy, Ultra-white tempered glass panel, IP66
Operating Temperature	10 ° C ~ 40 ° C
Working humidity	10% -90% Non-condensing
Storage Temperature	-40 ° C ~ 70 ° C
Storage humidity	5% -95% Non-condensing
Protection Level	/
Power Supply	DC12V
Power dissipation (maximum)	≤ 12 W
Dimensions (mm)	219 (W) * 111 (H) * 21.5 (T)
Bracket size (mm)	φ27*189
Installation Method	Desktop installation/Floor installation/Gate machine installation/Column installation/Wall installation