Longse

SPECIFICATION	
Model NO.	FK02GYH
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	
Measuring site	Wrist surface
Temperature range	35℃-42℃
Temperature measuring distance	Away from the wrist 1-3cm
Temperature measurement accuracy	± 0.3℃
Measuring Environment	5℃-40℃，Indoor and windless environment
Face recognition	
Detection Type	Support face recognition, face comparison, mask detection, living body detection, mask recognition
Face recognition distance	Within 1.2m
Face database capacity	Max support 30,000 faces
Face Posture	Horizontal less than 35°, vertical less than 50°
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, MQTT
Interface protocol	Private protocol
Security Mode	Authorized password
Event linkage	Voice broadcast，Abnormal event upload to the platform, Alarm output
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 external alarm, linkage abnormal alarm, DC 30V 1A
Relay Output	Support, NO, NC, COM
RS485 interface	Support
Wiegand interface	Support external Wiegand protocol equipment
TF card slot	/
HDMI	/
Reset key	Support
Anti-disassembly switch	/
General	
Housing	Aluminum alloy, Ultra-white tempered glass panel, IP66
Operating Temperature	5℃-40℃，Indoor and windless environment
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) * 140 (H) * 21.5 (T)
Bracket size (mm)	φ27*189
Product weight (without packaging)	1050g
Product weight (including packaging)	2050g
Packing size (mm)	405*183*156
Installation Method	Desktop installation/Floor installation/Gate machine installation/Column installation/Wall installation