



## SPECIFICATION

<b>Model NO.</b>	<b>FK08GRW</b>
<b>System</b>	
Main Processor	RV1109, Dual ARM Cortex-A7, NPU 1.2T
Operating System	Embedded LINUX
RAM	DDR3 1GB
ROM	EMMC 16GB
<b>Screen</b>	
Dimensions	8 inch IPS HD LCD screen
Resolution	800*1280
<b>Camera</b>	
Type	2MP camera
Sensor	1/2.9" GC2053
Resolution	NIR 1280*720@25fps
Lens	4.5mm
<b>Camera</b>	
Type	Daily camera
Sensor	1/2.9" GC2093
Resolution	Color 1920*1080@25fps
Lens	4.5mm
<b>Body temperature detection</b>	
Temperature Range	35.7℃-42℃
Temperature Measuring Distance	0.7-1.2m
Temperature Measurement Accuracy	± 0.3℃
<b>Face recognition</b>	
Detection Function	Face Dection, Face Comparison, Mask Detection, Living Body Detection, Face Comparison(With Mask)
Face Recognition Distance	0.5-2m
Face Database Capacity	Max support 30,000 faces
Face Posture	Vertical 61°, horizontal 36°
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 50,000 records
Recognition Area	Full screen recognition
Upload Method	TCP, HTTP, MQTT
<b>Network Functions</b>	
Network Protocol	IPv4, TCP/IP, HTTP, MQTT, RTSP, SMTP, NTP
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
<b>Accessories</b>	
Supplementary Light	IR light, LED white light
Identification Module	/
Audio Out	Built in Speaker support voice broadcast after successful recognition
Wi-Fi	/
Bluetooth	/
Card Reader	Built in IC card reader, Support Mifare1 IC card
4G	/
Alarm Indicator Light	Abnormal red light, Normal green light
<b>Interface</b>	
Network Interface	RJ45 10M/100M Network Adaptation
Alarm Input	/
Alarm Output	Support 1 channel
Relay Output	Support
RS485	Support
Wiegand Interface	Support Wiegand 26, 34 protocols
USB	1*USB 2.0
TF Card Slot	/
HDMI	/
Reset Key	Support
Anti-disassembly Switch	/
<b>General</b>	
Housing	Aluminum alloy, Ultra-white tempered glass panel
Operating Temperature	-10 ° C ~ 50 ° C
Operating Temperature	8 ° C ~ 33 ° C(Enable temperature measurement)
Working Humidity	10% -90% Non-condensing
Storage Temperature	-20 ° C ~ 50 ° C
Storage Humidity	5% -95% Non-condensing
Protection Level	/
Power Supply	DC12V, 2A
Power Dissipation (maximum)	18 W
Dimensions (mm)	Column Bracket Model:395.5(L)*132(W)*92(H), Wall Bracket Model:290.5x(L)*132(W)*31(H)
Bracket Size (mm)	Column Bracket:202.5mm(Bracket fixing hole size D=35mm)
Installation Method	Gate machine Installation/Column Installation/Wall Installation