AI-321/322/323/326/328
AI Face Recognition Temperature Measuring Integrated Machine

CEM

The traditional infrared temperature measurement and AI face recognition are effectively combined. The user can determine and record the user's identity and user's temperature data within 1 second before the device. Once the body temperature exceeds the normal value, it will automatically alarm and prohibit passage.

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- **Quick temperature measurement within 1 second**
- **50000 Mass storage**
- **Living body recognition Quality Assurance**
- **Intelligent AI Face recognition**
- **Multi-purpose**
- **Automatically record**
- **Non-contact temperature measurement**
- **37.3°C high temperature automatic alarm**
- **Speech**

Model AI-321/322

Specifications

Model	AI-321	AI-322 AI Thermal Detector	AI-323 AI Thermal Detector	AI-326 AI Thermal Detector	AI-328 AI Thermal Detector
IR Sensor resolution	Single point infrared temperature measurement	32x32 thermal imaging infrared temperature measurement	80x80 thermal imaging infrared temperature measurement	160x120 thermal imaging infrared temperature measurement	384x288 thermal imaging infrared temperature measurement
LCD display size	7" TFT	7" TFT	18.5" TFT		
Temperature measurement module parameters					
Measuring range	16~45°C	16~45°C	16~45°C		
Measurement accuracy	±0.5°C	±0.5°C	±0.5°C		
Measuring distance	20~50cm	20~50cm	20~50cm		
Measuring time	0.5s	6 frames per second	50 frames per second		
Camera parameters					
Resolution Color	Color 200W (1920*1080), infrared 130W (1280*960)		80*80, Uncooled focal plane detecto	160*120, Uncooled focal plane detecto	384*288, Uncooled focal plane detecto
Imaging device	Color AR0230, infrared AR0130				
Lens	2.9mm	2.9mm	9mm	9mm	9mm
Recognition distance	1m-2m				
Smart functions	0.3m-1.2m		1m-5m		
Face recognition capacity	50000		50000		
Offline record	100,000pcs		100,000pcs		
Recognition accuracy	99.83%		99.83%		
Living security	Support binocular near infrared live detection				
Face Detection	1080P@25fps, support face detection tracking, optimization				
Face recognition speed	About 200ms		30ms		
Biopsy speed	About 400ms				
Occlusion adaptation	Supports wearing glasses, wigs, makeup, wearing masks etc. (the recognition accuracy is adjusted as required)				
Interface parameters					
Network interface	1 RJ45 10M/ 100M adaptive Ethernet port				
USB interface	1 USB interface				
Wireless connection	WiFi+BLE4.0				
RS485 interface	1 RS485 interface				
Relay interface	1 relay interface				
Fire alarm door check button	1 fire alarm door check button				
IO reserved	1 11pin terminal				

Size(HxWxD): 135mm x 65mm x 270mm   **Weight:** 1500g
Accessories: 12V DC adaptor, Carrying case and Gift box.

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