

SPECIFICATIONS	AI TH-312
<b>Body Temperature Test</b>	
Display	7 or 8 inch LCD
sensor	Thermal imaging infrared temperature sensor
Temperature accuracy	Accuracy: $\pm 0.3\text{ }^{\circ}\text{C}$ (within 35 ~ 39 $^{\circ}\text{C}$ ), $\pm 1\text{ }^{\circ}\text{C}$ (within 0-35 $^{\circ}\text{C}$ or 39 ~ 70 $^{\circ}\text{C}$ ), $\pm 2\text{ }^{\circ}\text{C}$ (other temperature)
Voice broadcast	Body temperature alarm
Detection distance	0.4 m--0.7 m
<b>Visible Light Parameters</b>	
Lens	Focal length 1.8mm, field of view: 118 $^{\circ}$
Minimum illumination	0.001Lux@F1.2 (color mode)
Dynamic Range	$\geq 120\text{dB}$
Signal to noise ratio	$\geq 46\text{dB}$ (AGC OFF)
Exposure mode	Program mode (customizable shutter interval), shutter mode (1/5-1 / 20,000s), support for slow shutter
White balance	Auto, indoor, outdoor, sodium lamp mode, manual
Digital noise reduction	Support dnr, 3dnr
Day and night mode	Fixed color
<b>Hardware Interface</b>	
Power interface	dc12v access,
Network Interface	1 x 10 / 100BaseT Ethernet RJ45 interface
Wiegand	1 Wiegand interface output
Digital interface	1 relay output
MIC	Built-in
Audio port	2 audio outputs
RS485	1-way half-duplex rs485 interface
<b>Environmental Parameters</b>	
Operating temperature	-20 $^{\circ}\text{C}$ ~60 $^{\circ}\text{C}$
Working humidity	0% -90% rh (non-condensing)
Power consumption	5W
Dimensions	215x125x20mm
Weight	< 1kg
<b>Video Parameters</b>	
Video	H.265 Main Profile / H.264 High profile / M-JPEG

compression		
Maximum resolution	1920x1080@30fps	
Main stream	1920x1080、1280x960、1280x720、720x576	
Sub stream	640x480、352x288、320x240、176x144	
PEG	1920x1080, 1280x720, off	
Output bit rate	Fixed code stream (CBR) or variable code rate (VBR), code stream can be set from 32Kbps to 10Mbps	
Audio compression	G711, PCM	
Character overlay	Support channel name, date and time overlay, and overlay position can be adjusted;	
<b>Algorithm parameters</b>		
Number of face bases	50,000 sheets	
Recognition speed	≤300ms	
Live detection	stand by	...