

## WQAT 502

### Automatic HumanBody Temperature Precise Measurement System

#### 5m UltraLong Distance Temperature Measurement

- Automatic Electric Focusing
- Wide Range Monitoring
- Automatic AllHuman Face Tracing



Concert Hall  
Stadium  
Airport  
Seaport  
Shopping Mall  
School

Hospital  
Subway Station  
Theater  
Cinema  
Customs

Medical grade measurement accuracy of  $\pm 0.3^{\circ}\text{C}$

Auto focus, fast temperature measuring

Alarm response time < 0.5s

Compact size, easy install and small space

Spot/line/area/isotherm analysis tools, simpler and more flexible to retrieve temperature data

Support multi protocols; TCP, UDP, ICMP, DHCP, RTSP

### Medical Grade Thermal



WQAT502



256x192  
1920x1080

Resolution

1~5m

Measurement distance

$\leq \pm 0.3^{\circ}\text{C}$   
(Optional blackbody)

High accuracy

<0.5s

Alarm response time

0~60 $^{\circ}\text{C}$

Measuring range



Adapting environment

Medical Grade Dual Thermal Camera WQAT 502		
Detector Type	VOx Uncooled Thermal FPA	
Effective Pixels	512x384 or 256x192	
Measurement Range	0°C ~ 60°C	
Measurement Accuracy	±0.3°C @ 33°C ~ 42°C of target temperature	
Spectral Range	8~14um	
Measurement Tools	Spots Central Spots Isotherms	Highest / Lovest spot of frame Line / Area Temperature width selecting
Network Protocol	TCP, UDP, ICMP, DHCP, RTSP	
Network Interface	RJ45 Ethernet	
Focus Control	Manual Focus / Auto Focus	
Video Sensor	1 /2.8" CMOS sensor	
Video Resolution	2 Megapixel, 192x1080	
Brightness Adjustment	Manual / Auto0 / Auto1	
Contrast Adjustment	Manual / Auto0 / Auto1	
Palette	Support 15 palettes	
Image Flip	Left-Right / Up-Down / Diagonal	
Power Supply	12V DC / PoE (IEEE 802.3af)	
Power Consumption	Max 5W	
Operating Temperature	-20°C~55°C	
Storage Conditions	5 ~ 90% RH	
Shock	30g, 11ms, all axes	
Vibration	4.3g, random, all axes	
Dimensions	57×65×122mm	
Net Weight	725g	

