ITS Ⅱ 300/600 Thermal Imaging Temperature Screening System

High-precision real-time temperature measurement

Accuracy: ±0.3°C
Non-contact patented high-precision algorithm
Up to 320,000 real-time temperature data
Unaware passing
2~10m measurement distance
Unobstructed quick pass without organization
Avoid people gathering

Unaware quick pass

Maximum 640×512 infrared resolution + 2-megapixel visual resolution
Intelligent face algorithm for face detection and mask detection
Customized personal identifification

Network and cloud access

Co-work with AI60 AI computing servers
Multi-camera networking
WEB remote access and real-time alarm
Cloud big data access
<0.5s alarm response
Real-time saving and analysis of people passing and high-temperature alarm data Allow

cloud access

Powerful software functions

1TB historical data storage space, retrievable by mask, alarm type, and time WEB remote access, for real-time preview and alarm

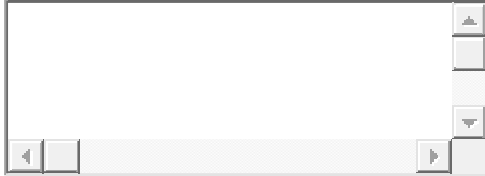| ITS II Specification		
Model	**ITS II 300**	**ITS II 600**
Thermal specifications		
Detector	VOx uncooled IRFPA	
Resolution	384×288	640×512
Focal length	7.8mm	15mm
FOV	47°× 35.6°	34.2°× 27.4°
Spectral band	8~14μm	
NETD	≤40mK @25°C, F#1.0°C	
Focus	Auto/Manual	
Visible light specifications		
Resolution	1920×1080	
Focal length	4.7~141mm, 30-fold optical zoom	
FOV (horizontal)	60.5°~2.3°	
Temperature measurement		
Measuring range	0°C ~60°C	
Measuring accuracy	±0.3°C@33°C~42°C of target temperature	
Effective measuring distance	2~10m	

Software functions	
Measuring tools	Multi-target real-time face tracking and measuring
High temperature alarm	Manual over-temperature alarm, pop-out alarm, audible alarm, and GPIO linkage alarm
Preview mode	Visible light/infrared
Human face detection	Intelligent face detection and mask detection; support customized face matching in local databases
Body temperature correction	Intelligent temperature correction
Data analysis	1TB historical data storage space, retrievable by mask, alarm type, and time
Flux	>200 people/minute
Remote access	WEB remote access, for real-time preview and alarm
Networking function	Connect a maximum of 3 cameras
Connector	
Power supply	12V DC
Network interface	1 channel RJ45 of 10M/100M/1000M auto adaption ethernet
Alarm output	GPIO: 5 switch inputs, 4 relay outputs; NC/NO RS232: 1 RS485: 1
Audio input	One LINE-IN 3.5mm audio interface
Audio output	One LINE-OUT 3.5mm audio interface
Video output	HDMI
Environment adaption	
Operating temperature	$-10°C\sim50°C$

Humidity	5~95%, non-condensing

Product consulting

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