



# DTS200/300 Dual-spectrum Accurate Temperature Measurement Camera

Infrared+visible light, accurate temperature measurement

256×192/384×288 thermal resolution

2-megapixel visible light resolution for accurate information tracing

## AI face recognition

Face detection and tracking, local face matching

Mask detection

## Unaware quick pass

Unaware quick pass for small flow

Support multi-target measurement at the same time

## Non-contact accurate temperature measurement

Measuring accuracy  $\pm 0.5^{\circ}\text{C}$  ( $\pm 0.3^{\circ}\text{C}$  with blackbody)

Measuring distance 1~3m, alarm response time < 0.5s

## Quick deployment

Simple system design, easy to use and deploy  
 Support cloud access and data storage  
 Powerful software functions  
 Support snapshot at alarm  
 Data analysis: people flflow and body temperature statistics

<b>DTS Specifications</b>		
Product Model	DTS300	DTS200
<b>Infrared specifications</b>		
Detector	VOx uncooled IRFPA	
Thermal resolution	384×288	256×192
Pixel pitch	17μm	12μm
NETD	≤40mK @25°C, F#1.0	
Spectral band	8~14μm	
Frame rate	50Hz	
Focal length	9.7mm	
FOV	37.2°×28.3°	25.3°×19.1°
<b>Visible light specifications</b>		
Resolution	1920×1080	
Focal length	4.4mm	3.6mm
FOV	90°	95°
Wide dynamic range	≥120dB	
<b>Temperature measurement</b>		
Measuring range	0°C~60°C	
Measuring accuracy	±0.5°C @33°C~42°C target temperature(±0.3°C with blackbody)	

Measuring distance	1~3m
<b>Software functions</b>	
High temperature alarm	Pop-out alarm and audible alarm
Flux	> 100 people/minute
Human face detection	Intelligent face detection and tracking
Data analysis	Snapshot at alarm, people flow statistics, and body temperature statistics
Body temperature correction	Intelligent surface/body temperature correction
Human face recognition	Support local face matching
Mask detection	Mask detection, giving an alarm for people without mask
Platform access	Support deploying on cloud and private servers
<b>Connector</b>	
Power supply	USB×2 (5V DC)
Data interface	UVC (USB Video Class)
Control connector	USB
<b>Environment adaption</b>	
Operating temperature	-10°C~+50°C
Dimension	110mm×75mm×56mm

## Product consulting

\* Message contents :



Mobile phone :

\* Country :

\* Product :

E-mail :

Submit

## CONTACT US

Marketing Dept.Email:sales@infrared.com

HR Email:hr01@infrared.com

Sales Hotline:[+86-400-998-3088](tel:+86-400-998-3088)

After sales hotline:[+86-400-883-0800](tel:+86-400-883-0800)

Address:11th Guiyang Street, YEDA,Yantai 264006,P.R.China

## IMAGERS

[Thermal Monocular](#)

[Phone Thermal Camera](#)

[Car Thermal Camera](#)

[Clip on Thermal Scope](#)

[Rico Thermal Scope](#)

[Tube Thermal Scope](#)

[Dual spectrum thermal imager](#)

[online monitoring thermal camera](#)

## MODULES

[Micro III Thermal Imaging Module](#)

[Mini Thermal Imaging Module](#)

[LT Temperature Measurement Module](#)

[FT Alarming Thermal Imaging Module](#)

[Phoenix Cooled MWIR Imaging Module](#)

## APPLICATIONS

[Infrared Thermography](#)

[Security Thermal Camera](#)

[Night Vision](#)

[UAV Thermal Module](#)

[Smart Phone](#)

[Automotive Thermal Camera](#)

Follow Us :





Yantai iRay Technology Co., Ltd. Copyright © 2014-2018 all rights reserved | [Privacy Policy](#) | [鲁 ICP 备 18043449 号-3](#)