

Temperature Monitoring Thermal Imaging System

Widely applied in large public areas such as airport; wharf; train & bus station and building.

Special offer

thermal imaging camera
for body temperature check

Thermal sensitivity
0.1°C



Large Scale Population Scanning quickly

Thermal response time 0.04 seconds
Scanning large scale population in
distance to detect the abnormal
body temperature personnel.

Non-contact detect

Non-contact temperature
measurement to ensure own
secure and safety to prevent
the intercross infection for
operators.

Auto alarm

Provide quick and easy way to
scanning population without
interfere the normal order.

Stock ready for
delivery



Temperature Monitoring Thermal images

For body temperature check



RS-TE-W

Temperature ranges : 20-50°C
 Portable, light
 internal black body, auto calibrations
 Easy operation, no training needed
 50/60Hz realtime
 Cost effective



Multi-view observation

Professional



RS-DL700E+

Picture in picture display
 Full screen(maximum, minimum
 temperature alarm(voice,color)
 50/60Hz realtime
 Auto focus



Picture in Picture

Online mode



RS-DM60

LAN connection
 50/60Hz realtime
 Auto focus
 24hours working
 MPEG4 storage



R-T-W Infrared Thermal Imaging Camera

Technical Specification

Items		Technical Specification	
Detector characteristics	Detector type	uncooled FPA microbolometer	
	Array size/format	160×120	
	Pixel size	25um	
Image characteristics	Field of view/min focus distance	12°×9°/0.3m	
	Spatial resolution (IFOV)	1.3mrad	
	Thermal sensitivity	≤0.1°C@30°C	
	Frame rate	50/60Hz	
	Focus	Manual	
	Electronic zoom	2x	
	Spectral range	8-14um	
Image display	LCD	Built-in high-resolution color 2.5" LCD	
Measurement	Temperature ranges	+20°C-+50°C	
	Accuracy	± 1 °C	
	Measurement correction	Automatic/manual	
	Measurement mode	Up to 4 movable spots. Up to 3 movable areas (maximum, minimum and average temperatures). Line profile. Isotherm. Temperature difference. Alarm(voice, color)	
	Image controls	Color palette	11 palettes changeable (Iron, Rainbow, Grey and Grey inverted, etc.)
		Image adjustment	Auto/manual gain and brightness
	Setup functions	Date/time, temperature unit, language	
	Emissivity correction	Variable from 0.01 to 1.0	
	Ambient temperature correction	Automatic correction according to user input	
	Atmospheric transmission correction	Automatic correction according to user input object distance, relative humidity	
Image storage	Type	Storage card	Built-in flash memory, Up to2000 images
		Storage mode	Automatic/manual single image saving
	File format-thermal	JPEG, 14 bit thermal image with measurement data	
	Voice annotation	Input via built-in microphone up to 40 seconds of digital voice per image stored with image	
Laser pointer	Laser pointer	Class 2, 1mw/635nm(red)	
Power supply	Battery type	Li-Ion, rechargeable	
	Battery operating time	3 hours continuous operation	

Power supply	Charging system	Intelligent charger
	Power saving	YES
	External power	10-15V DC
Environment	Operating temperature	-15°C-+50°C
	Humidity	≦ 90 % non-condensing
	Encapsulation	IP54
Physical characteristics	Weight	0.6Kg
	Dimensions	250mm×100mm×72mm
Interface	External DC input	Yes
	Audio output	Yes
	Video output	PAL/NTSC
	USB	Image, measurement data and voice transfer to PC
Standard accessories	Thermal imaging camera	1
	Transport case	1
	Lens Cap	1
	Battery	1
	External power supply	1
	Charger	1
	USB Cable	1
	Audio convert cable	1
	Analysing software	1
	Earphone	1
	Adumbral cover	1
	Video cable	1
User's manual	1	