

Specifications EIRC2

Model	EIRC2s	EIRC2p
Detector	Uncooled FPA micro-bolometer	
Array size	160 x 120 pixel	
Field of view	18° x 13°	
Spatial resolution	1.9mrad	
Thermal sensitivity	0.06Celsius at 30Celsius	
Frame rate	50/60Hz	
Focus	Manual	
Spectral range	8~14µm	
Image display	Built-in high resolution 2.5" color LCD	
Temperature range	-20~+250Celsius, optional to +500Celsius	-20~+250Celsius, optional to +1000Celsius
Accuracy	±2Celsius or ±2% of reading, whichever is greater	
Measurement correction	Automatic/Manual	
Measure mode	Movable spot, movable area (max. min. average temp.), isotherm, alarm (voice, color)	Up to 4 movable spots, 3 movable areas (max. min. average temp.), line profile, isotherm, temp. difference, alarm (voice, color)
Color palette	8	11
Image adjustment	Automatic/Manual gain and brightness	
Setup function	Date, time, temp. unit, language	
Emissivity correction	Variable from 0.01 to 1.00 or select listings from pre-defined material list	
Ambient temp. correction	Automatic correction according to user's input	
Atmospheric transmission correction	Automatic correction according to user's input of object distance, relative humidity, ambient temperature	
Storage card	Built-in flash memory, up to 2000 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	Class 2, 1mw/635nm(red)	
Battery	Li-Ion rechargeable battery	
Battery operating time	3 hours continuous operation	
Charging system	Intelligent charger or power supply adaptor (optional) online charge	
Power saving	Yes	
External power	DC 10~15V	
Operating temperature	-15Celsius ~ +50Celsius	
Humidity	≤90% non-condensing	
Encapsulation	IP54	
Audio output	Yes	
Video output	PAL/NTSC	
USB	Image (thermal & visual), measurement data and voice transfer to PC	
Dimensions	250mm x 100mm x 72mm	
Weight	0.6KG	

