

Specifications EIRC5

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| Model | EIRC5 |
| Detector | Uncooled FPA Micro-bolometer |
| Array size | 320 x 240 pixel |
| Thermal sensitivity | 0.08 Celsius at 30 Celsius |
| Field of view | 20.4° x 15.4° |
| Min. focus distance | 0.4m |
| Frame rate | 50Hz |
| Focus | Manual |
| Spectral range | 8~14µm |
| LCD display | Built-in high resolution 3.5" color LCD |
| Temperature range | -20~+250Celsius, -20~+350Celsius (optional) |
| Accuracy | ±2Celsius or ±2% of reading, whichever is greater |
| Repeatability | ±1Celsius or ±1% of reading, whichever is greater |
| Measurement mode | Movable spot, max. min. average temp. automatic find max. min. temp.; temp. measuring of any 4 spots of full screen |
| Color palette | 4 palettes changeable |
| Setup function | Date, time, temp. unit, language, color code, info area, brightness of LCD |
| Emissivity correction | Variable from 0.01 to 1.00 |
| Storage card | Built-in flash memory, up to 1000 images |
| File format (thermal) | BMP |
| Laser pointer | Class 2, 1mw/635nm(red) |
| Power supply | Rechargeable Li-Ion |
| Battery operating time | 3 hours continuous operating |
| Charging system | Standard power charger, input AC 100~240V, 50/60Hz, output DC8.4V |
| External power supply | DC12V |
| Operating temperature | -15Celsius ~ +50Celsius |
| Storage temperature | -40Celsius ~ +70Celsius |
| Humidity | 10% ~ 95% non-condensing |
| Encapsulation | IP54 IEC359 |
| Impact resistance | Operating: 25G, IEC68-2-29 |
| Vibration withstand | Operating: 2G, IEC68-2-6 |
| Digital output | USB 2.0 |
| Video output | Standard RCA composite video |
| Dimensions | 245mm x 98mm x 273mm |
| Weight | 1.4KG(battery included) |

