



| Model | | Hotfind-V | Hotfind-L |
|---------------------------------------|----------------------------------|---|---|
| | |  |  |
| Thermal Image and optical data | FOV/ min. focus distance | 20°x15°/ 0.1m | 24°x18°/ 0.3m |
| | Spatial resolution | 2.2 mrad | 1.1mrad |
| | Thermal sensitivity @ 50/60 Hz | 100 mK@30 °C | 80 mK@30 °C |
| | Detector type | FPA, uncooled microbolometer , | |
| | Resolution | 160x120 | 384x288 |
| | Spectral range | 8 ~ 14µm | |
| | Focus | Manual | |
| Image presentation | LCD display | 2.5" LCD | |
| | Visual image | Built-in digital video, 640x480pixels, full color | |
| | Duo Vision | 4 modes | |
| | Video output | PAL and NTSC | |
| | Illuminator | Yes | |
| Measurement | Measurement range | Range one: -20°C to +250°C, (-4°F to +482°F), Range two: -20°C to +600°C (-4°F to +1112°F), (optional) Range three: -20°C to +1000°C (-4°F to +1832°F) (optional) Range four : -20°C to +1500°C (-4°F to +2732°F) (optional) | |
| | Accuracy | ±2°C, ±2% of reading | |
| | Measurement mode | Spot analysis up to 4 spots, isotherm analysis, temperature alarm | |
| | Correction | Emissivity, ambient temperature, distance, relative humidity | |
| Image storage | Type | Removable mini SD card, extendable to 2G | |
| | File formats – Thermal | SAT format, 14 bit measurement data included | |
| | File formats - Visual | CCD format | |
| | Voice annotation | With Bluetooth | |
| Laser pointer | Type | Class 2, 1mw/ 635 nm red | |
| Battery system | Battery | Rechargeable lithium battery | |
| | Battery operation time | > 3 hours continuous operation | |
| | Power save mode | Yes | |
| | External power supply | DC 8-12V 3A DC (optional) | |
| | Environment specification | Operating temperature range | -15°C to +50°C (-4°F to +122°F) |
| Storage temperature range | | -40°C to +70°C (-40°F to +158°F) | |
| Humidity | | Operating and storage 10% to 95%, non-condensing | |
| Encapsulation | | IP 54 | |
| Shock | | Operational: 25G | |
| Vibration | | Operational: 2G | |
| Physical characteristic | Weight (inc. battery) | 650g | |
| | Size (L*W*H) | 211 mm x80mm x195mm | |
| | Tripod mounting | 1/4" _ 20 | |
| Interface | USB | thermal video transfers in real time with software(optional); | |
| | Bluetooth | Voice recording and playback (optional) | |