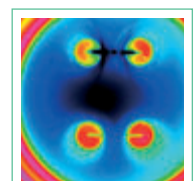
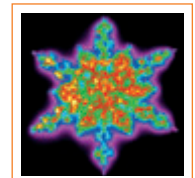


JADE UC-J330 R

Uncooled microbolometer camera
for industrial and research applications

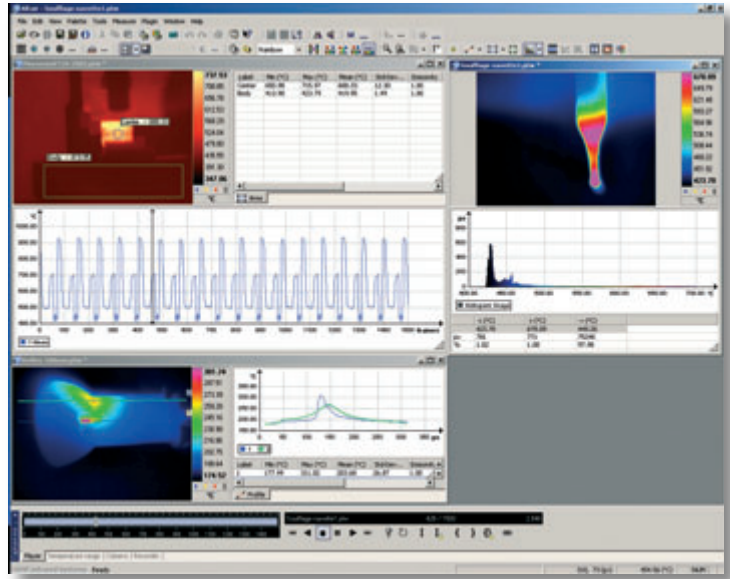
- High sensitivity microbolometer focal plane array
- High quality thermal images of 384x288 pixels
- Outstanding thermal sensitivity
- Wide dynamic range
- Motorized and manual focus lenses
- USB2 for digital video & commands
- Lightweight package
- Affordable cost



> Compatible with Altair thermography software for radiometric and research applications

Fast and simple

Only one USB2 cable is required to connect the J330 with ALTAIR software. ALTAIR intuitive user interface allows click and go setup of the camera. ALTAIR displays and stores radiometric images at full frame rate to the hard disk with full 14 bit dynamic range. Advanced image analysis features and functionality dedicated to thermal measurements are standard.



> Technical specifications

| Imaging Performance | |
|----------------------------------|-------------------------------------|
| Sensor type | Amorphous silicon |
| Pixel number | 384x288, pitch 35 µm |
| Sensitivity | 80 mK @F/1 |
| Focusing | Manual or motorized |
| Optical interface | Baionet mount |
| Spectral range | 8-12 µm |
| Frame rate | 50 Hz or 60 Hz |
| Electrical Interfaces | |
| Video & commands | USB2 for digital video and commands |
| Input voltage | 12 VDC |
| Analogue video | CCIR or RS170 |
| Mechanical interface | |
| Size (LxWxH) | 190x80x80 mm |
| Weight | 1,3 kg |
| Base mounting | Standard photo interface |
| Measurement capabilities | |
| Standard range | -20 °C +100 °C |
| Extended range | +100 °C +500 °C |
| With external iris | Up to +1500 °C |
| Lenses | |
| F25 mm motorized or manual focus | 30.1° x 22.8° |
| F60 mm motorized or manual focus | 12.8° x 9.7° |
| F100 mm manual focus | 7.7° x 5.8° IFOV |



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