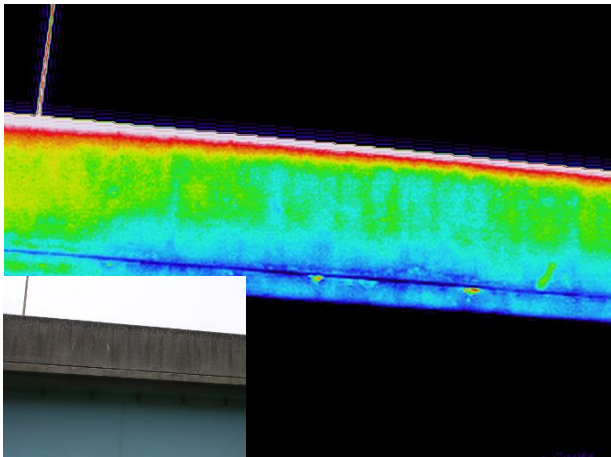
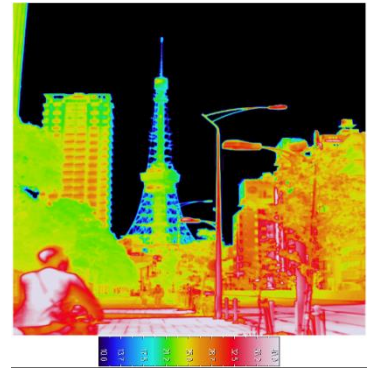
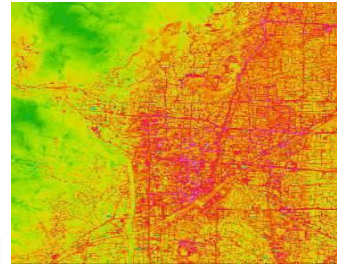


Avio Infrared thermography for Research and Development

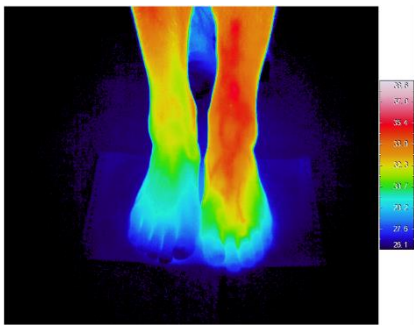
Avio Thermography support your R&D activity for “Heat”



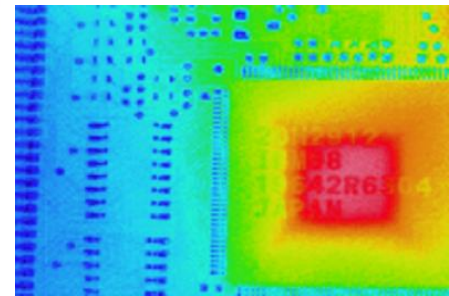
Non-destructive Testing



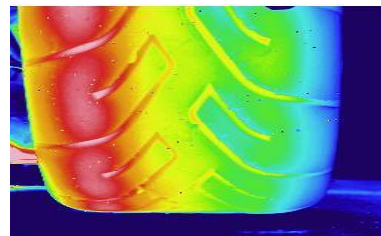
Heat island • Urban environment



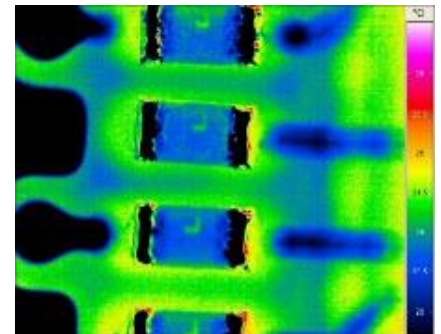
Temperature distribution of body(blood flow)



Temperature measurement of board



Temperature measurement of high speed rotating object



Temperature measurement of micro-component

For challenges and troubles, please feel free to contact Avio

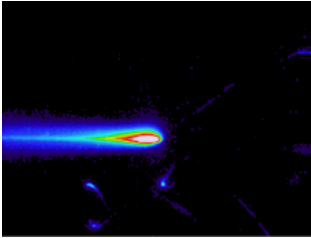
Optimum proposal for customer's application from *Avio* product line up

New!

"Fastest" sampling speed in uncooled IR camera class! **R550-Pro**

Highest resolution, highest sensitivity, highest precision in the class!

- Sensor Pixel Resolution : 640×480 pixels (R550 series)
1280×960 pixels (When super resolution is applied)
- Measuring Temperature Range : From -40 to 2000°C
- Sensitivity : 0.025°C at 30°C with S/N improvement
- Frame Rate : **120Hz** (640 x 120 pixels), 60Hz (640 x 240 pixels), 30Hz (640 x 480 pixels)
- **Real-time data transfer of thermal image and visible image** to PC via USB2.0
- By trigger input/alarm output function, collaboration with external equipment is available.

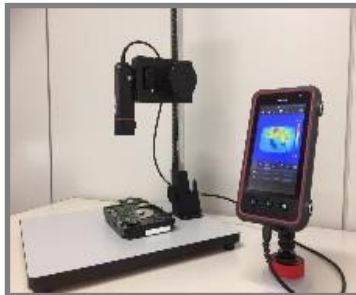


Laser Welding Monitoring



World First! Detachable camera-head thermography Thermo Flex *F50 series*

- Wavelength : 8.0~14 μ m
- Measuring Temperature Range : -20~350°C
- Sensitivity : 0.05°C
- **Heat proof temperature 70°C**, and **small size camera head**, which is usable in a **thermostatic chamber**
- As camera-head and **monitor integrated controller** are **detachable**, it can be used in wide variety of application and use.
- While the **trend-graph** is displayed real-time, its data is saved as **CSV file** simultaneously.
(F50-STD)



Avio offers most suitable model for all of your measurement needs.

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WARNINGS & CAUTIONS

- Before using this product, please carefully read the provided Operation Manual "WARNINGS" & "CAUTIONS" section to ensure proper operation.
- Please do not place the product in high temperature, high humidity or high inert gas environments.

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