

FLIR SC2000-Series

High Performance NIR & SWIR cameras for Imaging and Thermography

- High sensitivity InGaAs and HgCdTe focal plane array cameras
- Spectral response from 700 nm up to 2500 nm
- Removable filter holder / wide selection of filters available
- Frame rate up to 340 Hz full frame
- Wide dynamic range
- Ultra sharp and high uniformity images for best imaging performances
- Thermography capabilities for accurate high temperature measurements



1 SC2200-S
2 SC2500-N

FLIR SC2000-Series Features

High sensitivity

The SC2000-Series cameras provide an extraordinary sensitivity in the near and short infrared spectrum. Whether you go for the SC2500-N InGaAs (0.9-1.7 μm) or SC2200-S HgCdTe (0.8-2.5 μm) version, these cameras will perfectly match your application, could it be for example drug concentration evaluation, laser beam profiling or high temperature measurement among many others.

Spectral tuning capabilities

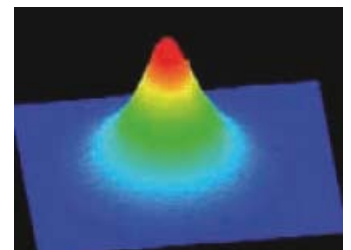
Each SC2000-Series camera features a removable one inch filter holder thus allowing selection of spectral sub-bands to adapt system's response to the application. The fully removable C-Mount interface makes the camera easy to be integrated into complex optical instruments, such as interferometers or spectrometers.

Broad range of applications

Fitted with state-of-the-art capabilities, the SC2000-Series will perfectly find their place in a laboratory, performing spectra data collection of chemicals, integrated into an inline process for food inspection, or in severe industrial environments for furnaces temperatures measurements.

Powerful yet simple

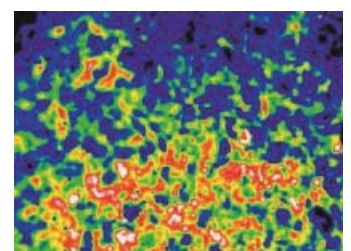
Every SC2000-Series camera is fully compatible with our ALTAIR imaging software. ALTAIR's intuitive user interface allows click and go setup of the camera. ALTAIR displays and stores radiometric images at full frame rate to the hard drive with full 14 bit dynamic range.



The SC2000-Series cameras are a perfect choice for laser beam profiling thanks to their extraordinary high sensitivity.



The extended spectral range of FLIR's NIR and SWIR cameras allows seeing through materials such as paint or blood. Water or ice presence into materials is also enhanced.



The SC2000-Series cameras provide crystal clear images of silicon based components such as Si wafers or solar cells.

