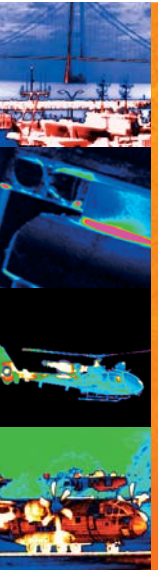


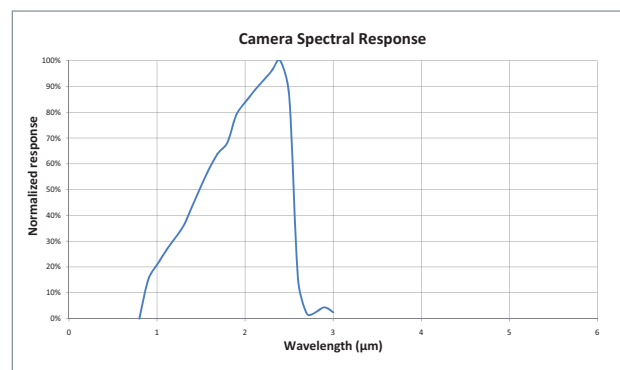


SC2200-S

Near IR camera with extended wavelength
from 0.8 μm to 2.5 μm



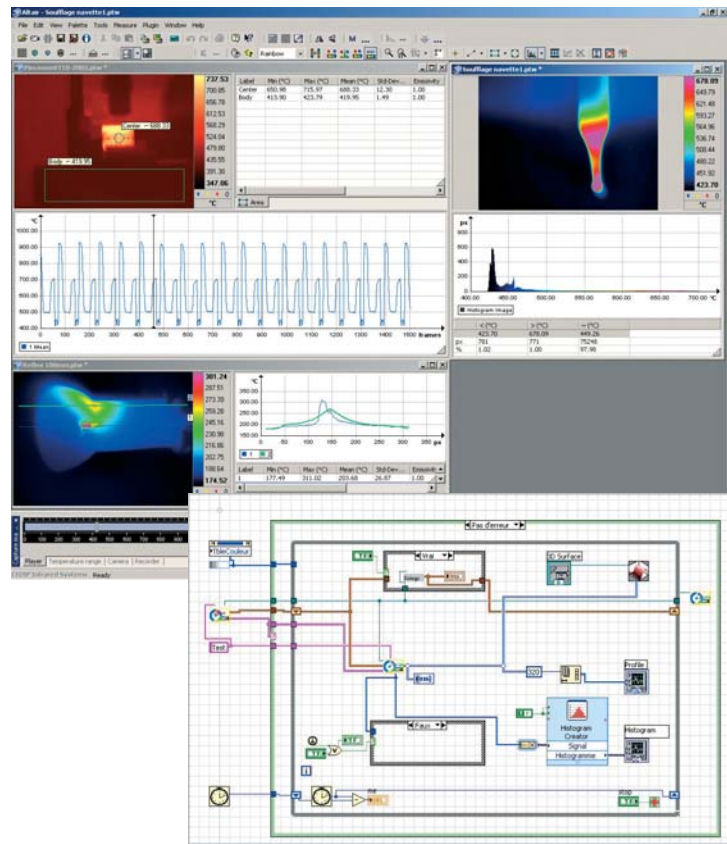
- > Spectral response from 800 nm to 2500 nm
- > High sensitivity MCT focal plane array camera
- > High quality thermal images of 320x256 pixels
- > Frame rate up to 206 Hz full frame
- > External triggering capabilities
- > Wide dynamic range
- > USB2 and CAMLINK digital video interface
- > Labview driver available
- > Standard C mount for lenses



Versatile and simple

With its USB2 and CAMLINK digital video output, the SC2200-S is compatible with our ALTAIR imaging 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.

For users who want to interface the camera with their own experiments we offer a complete Labview driver interface, which allows controlling the camera as to acquire and process images.



Technical specifications

Imaging Performance

Sensor type	HgCdTe (MCT)
Pixel number	320x256
Cooling type	Thermo-electric cooler
Spectral range	0.8 μm - 2.5 μm
Well fill capacity	1.38 Me-
Image capture	Snap shot IWR
Frame rate	Programmable up to 206 Hz full frame
Windowing	Up to 5 kHz

Electrical Interfaces

Digital video & commands	USB2 & CAMLINK
Input voltage	80-240 VAC
Analogue video	S-Video 50 Hz or 60 Hz
Input trigger	LVTTTL
Trigger jitter	200 ns

Mechanical interface

Size (LxWxH)	169x106x90 mm
Weight	1,1 kg
Base mounting	Standard photo camera
Optical interface	C Mount
Optical filter interface	1" diameter removable



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