FORCAST
FAINT OBJECT INFRARED CAMERA FOR THE SOFIA TELESCOPE

1. Facility-class, two-channel, mid/far-infrared camera

2. Both short (5-25 microns) and long (25-40 microns) wavelength detectors

3. Cameras can be used individually over the whole wavelength range, or together for simultaneous imaging of the same field of view.

4. Capable of grism spectroscopy* in the 5-50 micron range
   *grating prism — grism — allows a single instrument to take photos (without the grism) or spectroscopy (with the grism)

5. This instrument used for SOFIA's “first light” image

PI: Dr. Terry Herter, Cornell University, Ithaca, N.Y.

www.sofia.usra.edu/Science/instruments/instruments_forcast.html

For more information about SOFIA, visit: http://www.nasa.gov/sofia • http://www.dlr.de/en/sofia
For information about SOFIA's science mission, visit: http://www.sofia.usra.edu • http://www.dsi.uni-stuttgart.de/index.en.html

SOFIA
Stratospheric Observatory for Infrared Astronomy

NASA  DLR  USRA  DSI