Ohio State Infrared Imager/Spectrograph (OSIRIS)

**NOTE: OSIRIS HAS BEEN RETIRED AND IS NO LONGER AVAILABLE**

System Overview

The Ohio State Infrared Imager/Spectrometer (OSIRIS) is a multi-purpose infrared imager and spectrograph. Following many years of successful use as a facility instrument on the CTIO 4-m Blanco and 1.5-m telescopes it was moved to SOAR, installed at one of the f/16.62 Nasmyth Focii.

OSIRIS uses a 1024x1024 HgCdTe array supplied by CTIO to operate at wavelengths from 0.9 to 2.4 microns. Internal optics allow for two plate scales and a variety of spectroscopic resolutions. Internal mechanisms control the selected filter, focal plane mask, pupil mask alignment, grating tilt, and optical arrangement. All mechanisms are user-controlled and can be used to rapidly reconfigure the instrument, which allows for substantial observing flexibility.

Ohio State University web page for OSIRIS [1]

Source URL: http://www.ctio.noao.edu/soar/content/ohio-state-infrared-imagerspectrograph-osiris

Links