

SNAP Focal Plane

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ABSTRACT

The proposed SuperNova/Acceleration Probe (SNAP) mission will have a two-meter class telescope delivering diffraction-limited images to an instrumented 0.7 square-degree field sensitive in the visible and near-infrared wavelength regime. We describe the requirements for the instrument suite and the evolution of the focal plane design to the present concept in which all the instrumentation – visible and near-infrared imagers, spectrograph, and star guiders – share one common focal plane.

Keywords: focal plane detectors, CCD, HgCdTe