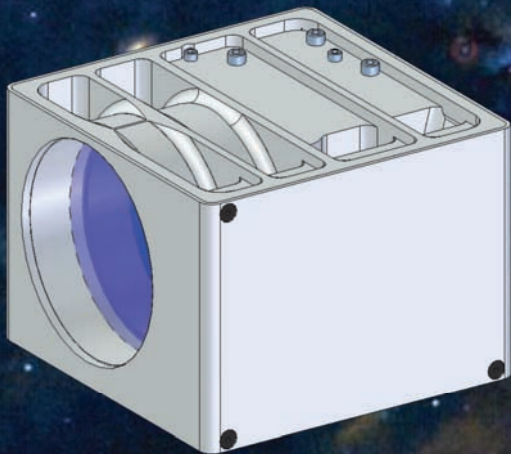
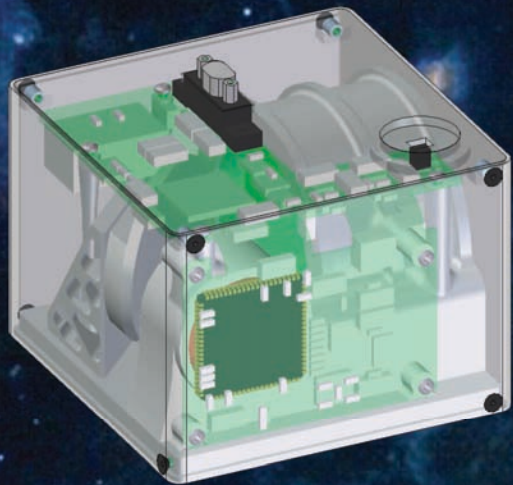
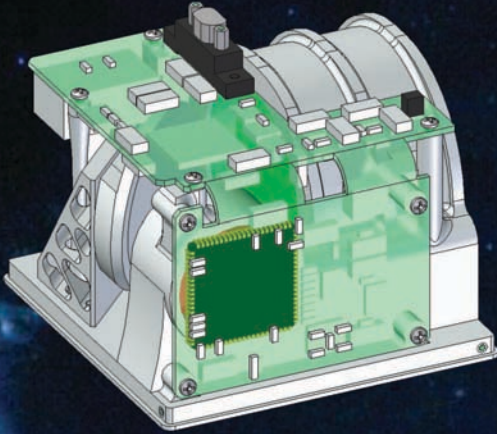


# STAR CAMERA

COMPACT, LIGHT-WEIGHT, & LOW POWER STAR IMAGING FOR NANO- & PICO-SATELLITES



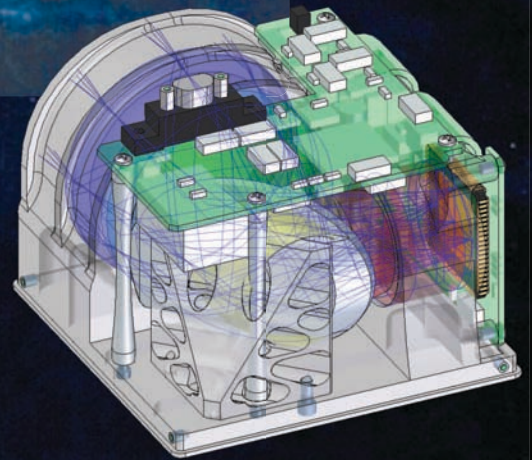
Utah State University's Space Dynamics Laboratory (SDL) has developed a miniature Star Camera based on our Digital Imaging Space Camera (DISC) product line. The DISC Star Camera is a science enabling technology for missions that require more stringent pointing knowledge than is currently available on extremely small satellites. Utilizing a radiation-hardened focal plane, it is able to detect down to magnitude 6 stars.

## SPECIFICATIONS

<b>POWER</b>	< 1 W
<b>MASS</b>	0.8 kg
<b>DIMENSIONS</b>	96 × 96 × 70 mm

## FEATURES

- Designed specifically for star imaging
- Sized to fit in a CubeSat
- HAS2 RadHard CMOS FPA
- 60 mm aperture, 13° FOV
- SpaceWire interface
- High-quality, custom optics
- Optional radiation tolerant version



**Space Dynamics**  
LABORATORY  
Utah State University Research Foundation