



SentinelSIM: Star Field Simulator

> SentinelSIM - Star Field Simulator

DESCRIPTION

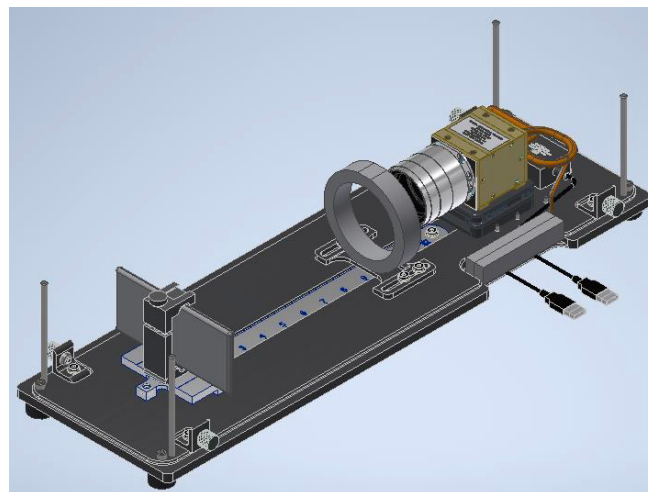
- + A dynamic star field simulator (SFS) to enable flatsat testing with HITL integration capabilities for the SentinelTRAC with a spacecraft.
- + Supports initial integration to full flight simulations including different rates of motion, vehicle control scenarios, or pointing transitions

PARAMETERS

- + Dimensions: 152 x 193 x 572 mm (8" x 24" x 7")
- + Mass < 5 kg (11 lb)
- + Includes SFS fixture, cabling, power supply, SF driver, laptop, SFS software suite

HERITAGE

- + Based on software written by JPL for star tracker qualification
- + Utilizes the Hipparcos Star Catalog



SentinelSIM



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