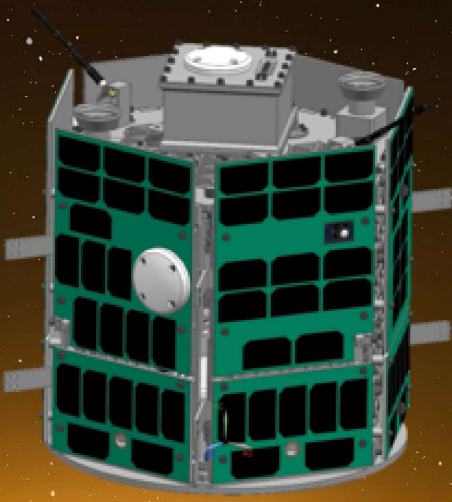


# MR & MRS SAT

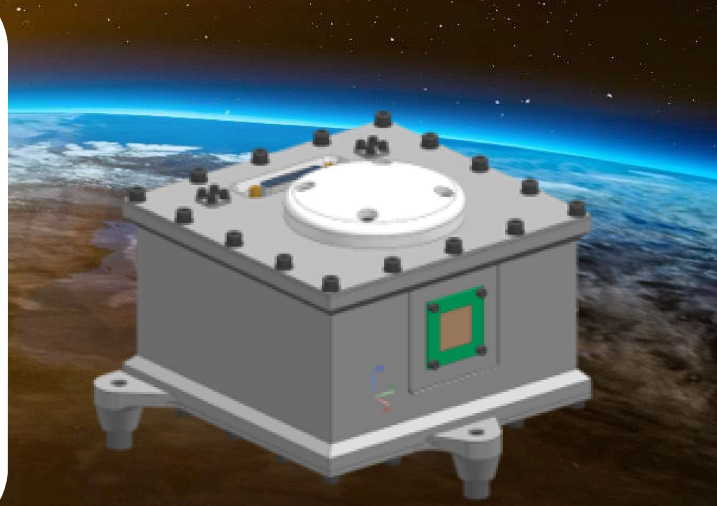


## Mission Overview

- 50 kg microsat pair
- First place in 2015 AFRL Nanosatellite-8 competition
- Close-proximity operations technology demonstration

## Payload

- Stereoscopic imaging sensor system
- Non-cooperative autonomous navigation
- Ground-based 3-D object reconstruction



## Concept of Operations

- Expected ISS deployment
- Mission Phase I: Initialization formation at 10 m distance
- Mission Phase II: Perform circumnavigation around target object (MRS Sat)

