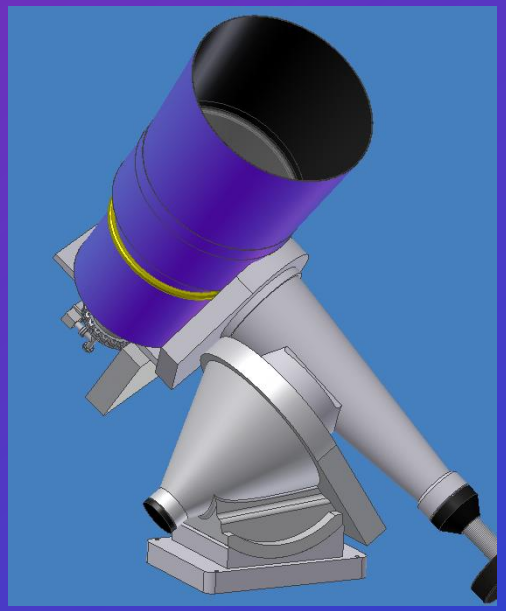
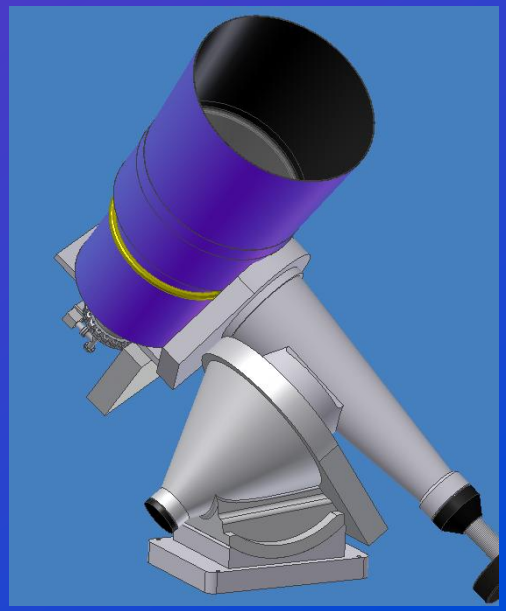
ATLAS

- Project funded by NASA to find dangerous asteroids
  - Two 50cm telescopes each covering 30 deg^2 with ~2.5" images.
  - Survey entire visible sky ~3x per night
  - Sensitivity (30 sec, 5σ, dark sky):
    - g – 20.4
    - r – 20.2
    - i – 19.6
  - 600 sec exposure ~1.6 mag deeper
  - Analysis latency ~1 min
  - On-sky 2015, full operations 2016-
  - Longer term goal is 4 more units (18mo, $1M apiece) in South Africa, Australia, Canaries, Chile