



Centre Spatial de Liège / Univ. of Liege



The Royal Observatory of Belgium

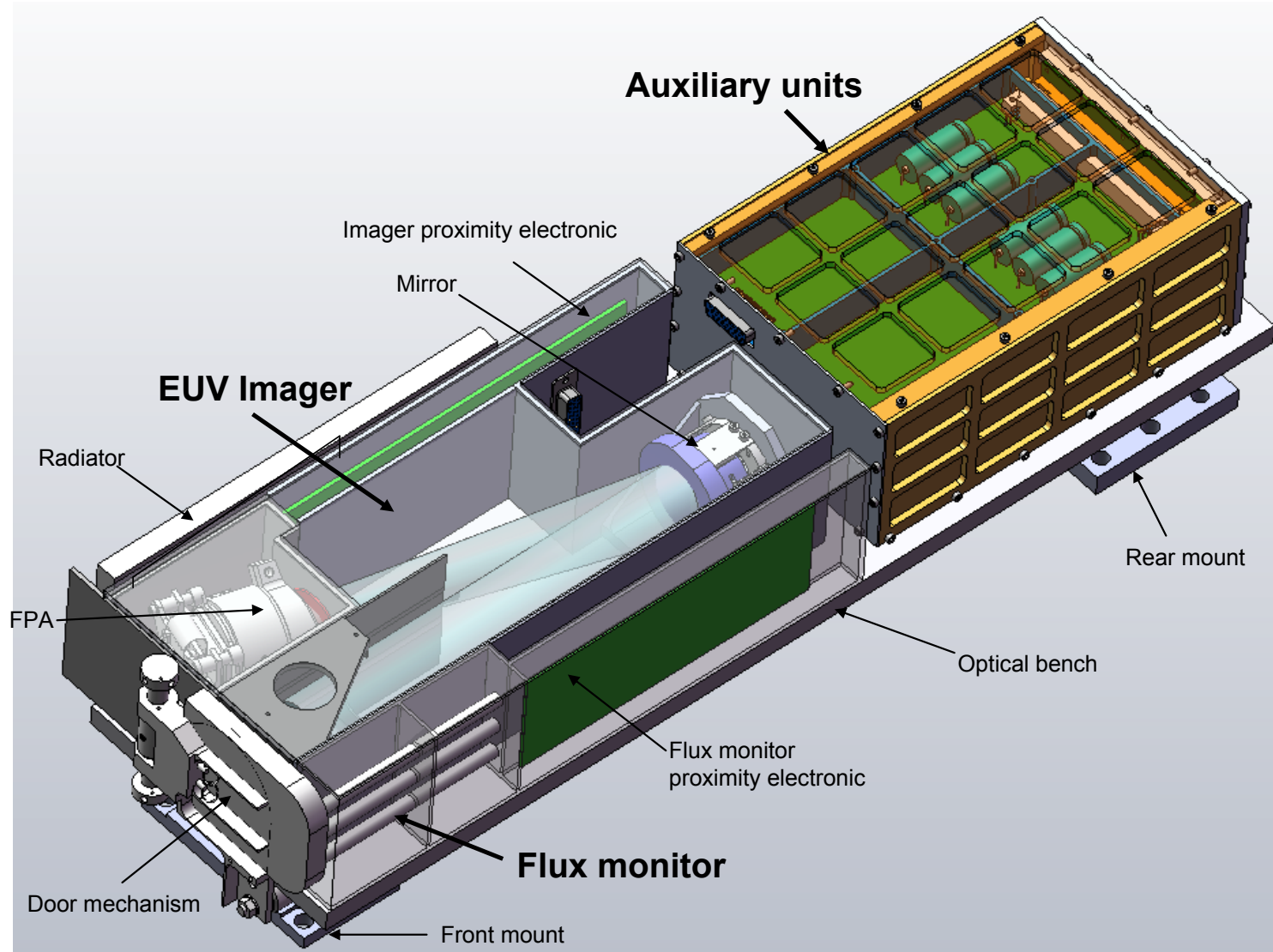
ESIO: EUV Solar Imager for Operations

PROBA2 SWT4, ESWW8, 29 November 2011

ESIO Overview [1]

- Prototype for a Space Weather Monitor
 - ▣ Regular data acquisition
 - ▣ Low data rate & low latency
 - ▣ Long lifetime (>10 years)
 - ▣ Light (7kg), power-sipping (<7.5W, target 4W)
 - ▣ Integrated data processing unit
- Four channels
 - ▣ Channel 1: full Sun EUV imager (1° FOV, 6"/pixel)
 - ▣ Channel 2-4: NUV & UV radiometer
 - EUV (< 20nm)
 - Lyman- α (115-125nm)
 - Schumann-Runge (130-175nm)

ESIO overview [2]



ESIO Overview [3]

