

Lambda-X in a nutshell

HYDRON Industry Days Belgium

CORE ACTIVITY

Conception, prototyping, qualification and industrialization of optical systems or sub-subsystems for imaging and metrology

TEAM

45 highly specialized individuals: physics, engineering, software design, production and quality control

CERTIFIED

ISO 9001
EN9100



Heritage of space developments since 1996

→ Technology Transfer



Jean-Hervé Lecat | jhlecat@lambda-x.com

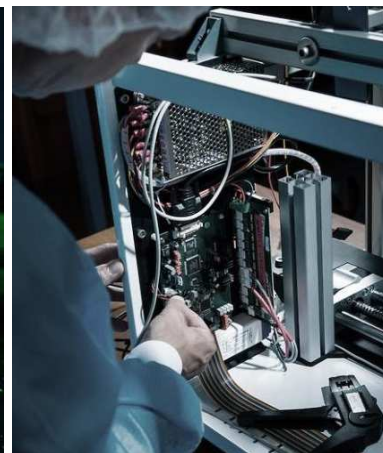
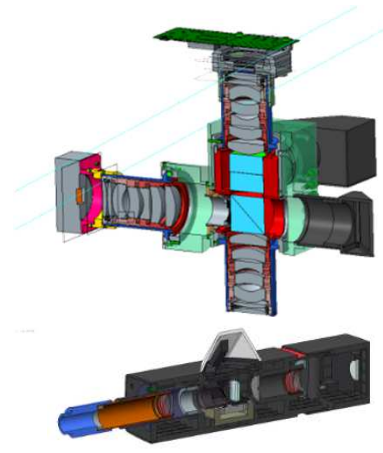
Lambda-X Services

HYDRON Industry Days Belgium

Engineering services for customized space optical systems working in severe environments



CO-CREATION & INNOVATION MANAGEMENT



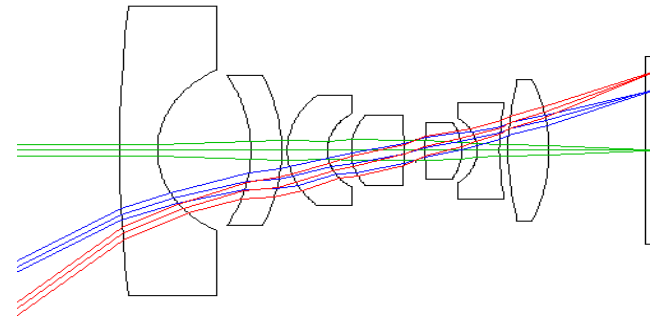
Jean-Hervé Lecat | jhlecat@lambda-x.com

Expertise

HYDRON Industry Days Belgium

Optimizing light collection on a sensor in Space Environment:

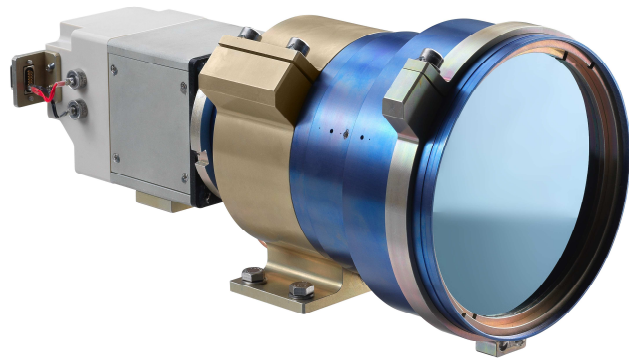
- ✓ Field of view, resolution
- ✓ Size
- ✓ Mass budget
- ✓ Operational thermal range (athermal design)
- ✓ Radiations
- ✓ Recurring cost



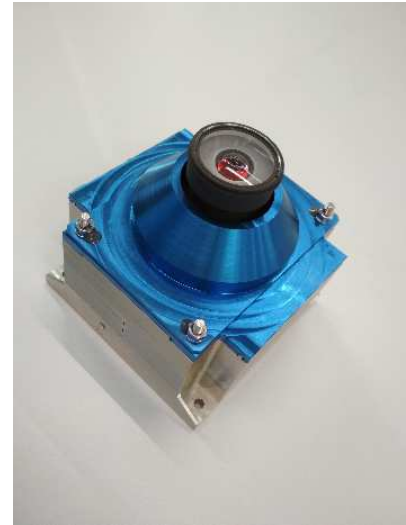
Background

HYDRON Industry Days Belgium

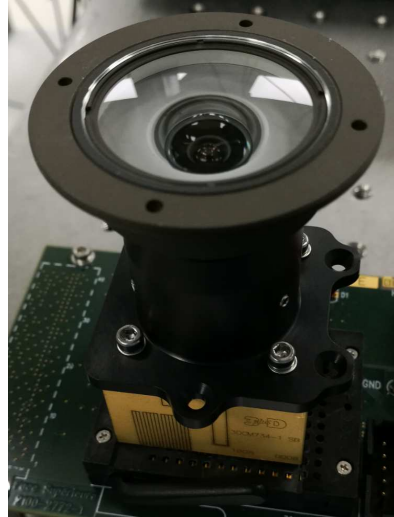
Infrared Demonstrator for Earth Observation



MOCAM – Monitoring Camera for JUICE (JUperiter ICy Moons Explorer)



MCAMv3 – Monitoring Camera for BIOMASS Mission



PROSPECT (Lunar Surface in-situ prospecting) Monitoring Camera