



ELECTRO-OPTICAL SYSTEMS

info@hevioptronics.com

2021 – Establishment

Commander Sight prototype HeviSight L170



E0
HFOV 3.8°
SPDm 1.0
FOCUS: manual
STAB : gyro



HOME: INS
59.53786 N
23.83802 E
24.1 m

TRGT: 2432 m
59.54999 N
23.80669 E
(±5.3) 27.9 m
pos acc: ±6.6 m

CPU : 44.0°C
GPU : 41.5°C
PMIC: 50.0°C
SPLY: 24.7 V



WGS84
2023-11-09 10:30:41Z

Main objective – to create simple to use Electro-Optical systems

■ “One case fits all” principle

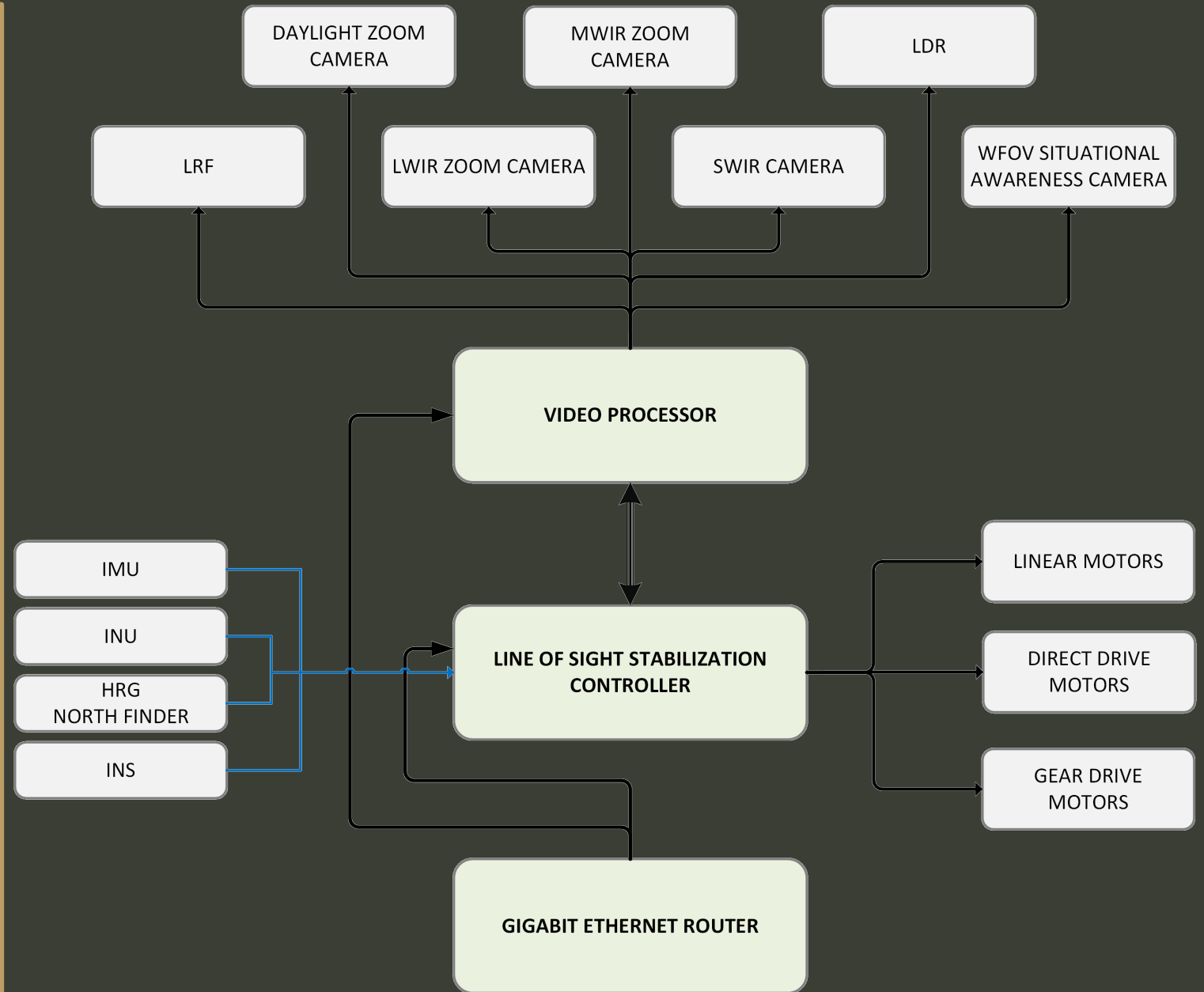


TECHNOLOGY

HEVI Optronics system architecture

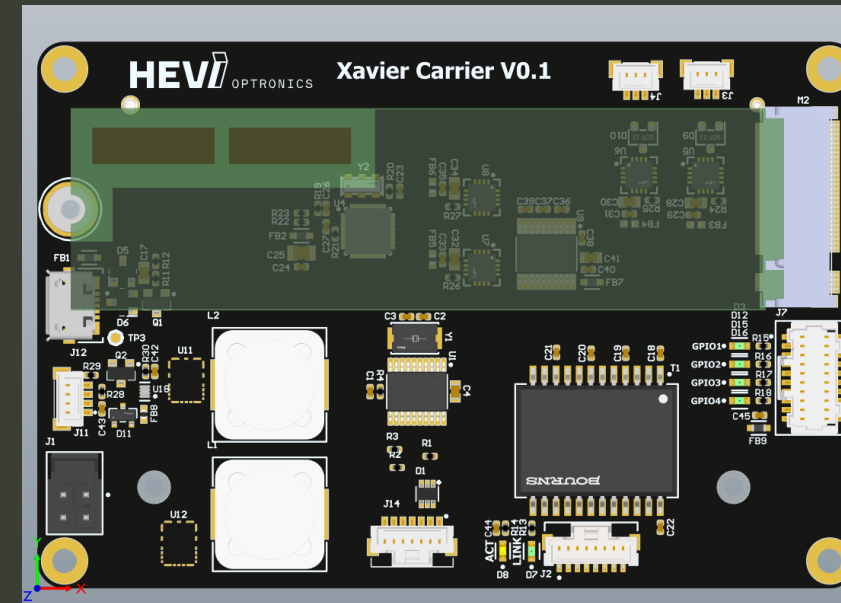
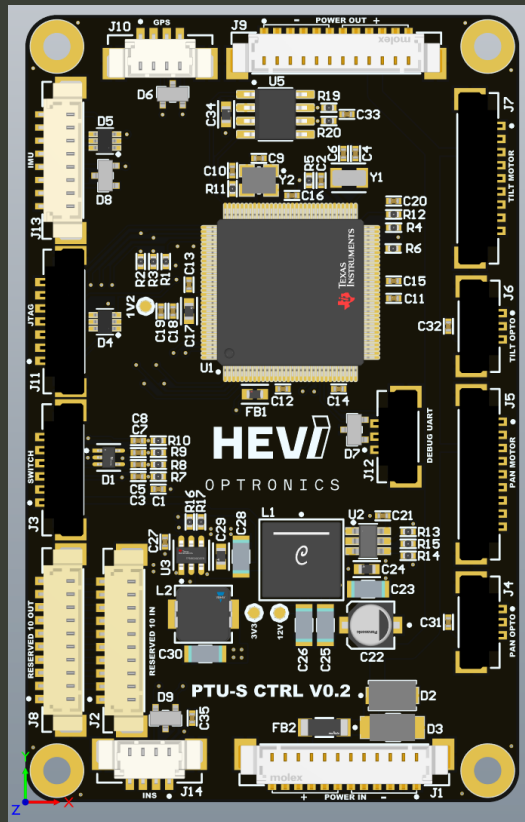
“Development of control electronics and software for gyrostabilized electro-optical systems”

IP based fully networked system approach

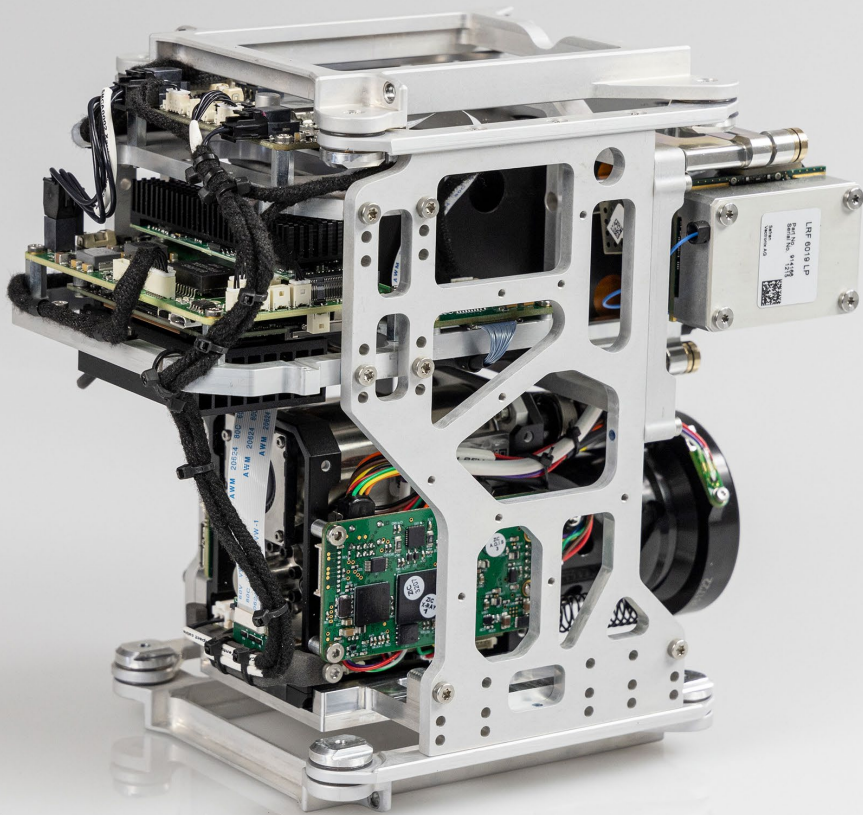


Core technology 1: Gyro-stabilized system controller

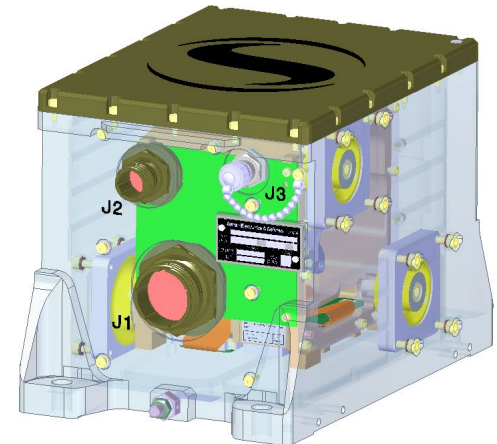
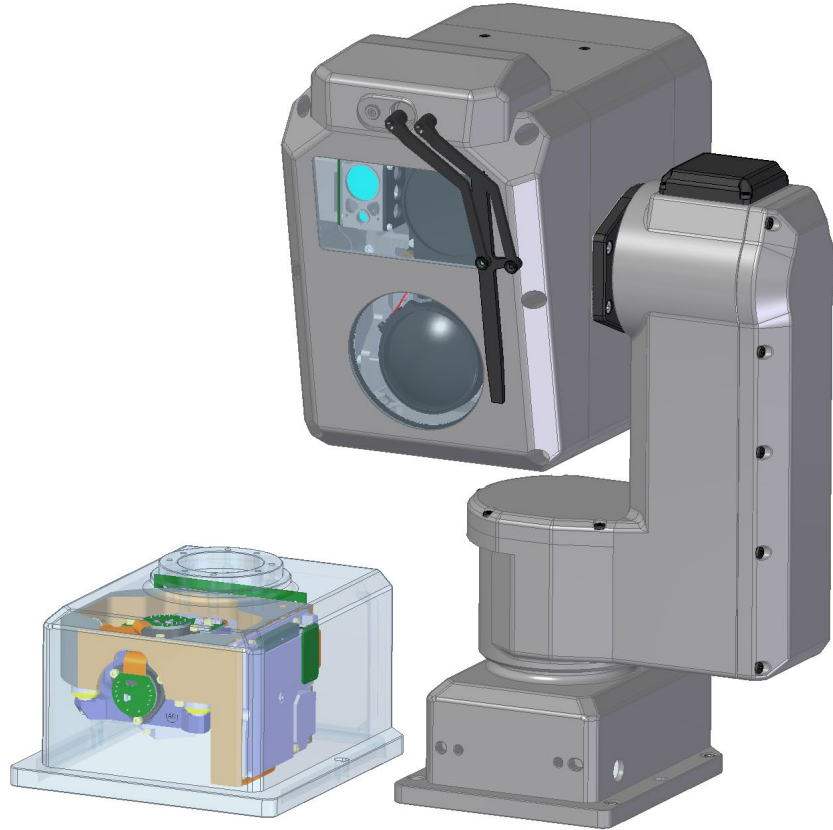
Core technology 2: Digital video processor



Integrated sensor modules



True North and Target Geolocation



Main objective – to give optronics capability for vehicles and stationary objects, that quickly and/or temporarily need it

- The systems are designed against MIL-STD and use MIL-SPEC components where applicable
- HEVI Optronics is investing into environmental test equipment for continuous in-house testing
- Systems are qualified using Estonian Army armoured vehicles



Main objective – to give optronics capability for land vehicles, that quickly and/or temporarily need it

■ Our solutions consist of fully integrated sensor systems with dedicated mission displays and controllers, which can be used on various vehicle platforms



Integration with weapon systems

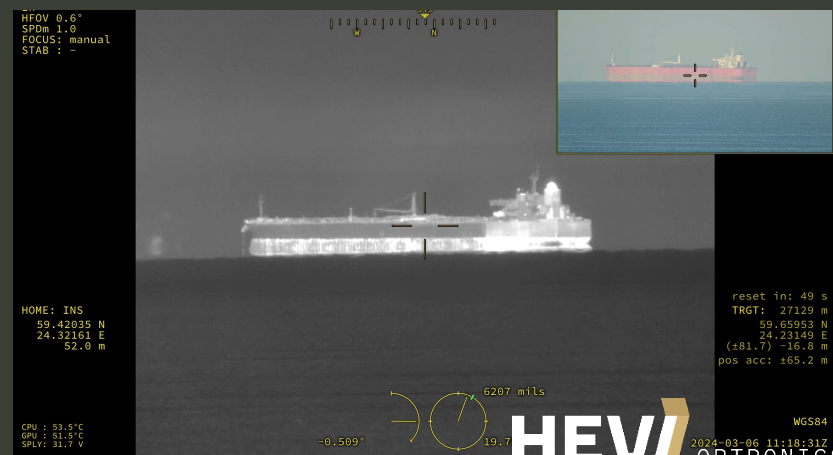
- HeviTrack S can be mounted on existing turrets



Ultra long-range surveillance systems

- Stationary multi-sensor long-range surveillance systems for permanent and mobile applications





HEVI^{OP}TRONICS

ELECTRO-OPTICAL SYSTEMS

- Numerous configurations
- Development of gyrostabilized electro-optical solutions
 - RSTA Systems
 - Commander Sights
 - Gunner Sights
 - Driver Vision Enhancement Solutions
- In-house production capability
- Integration capability to existing networks

