

Case Study | Electro Optical Gimbals

High precision absolute position encoder

Application:

- Electro Optical gimbals for Aerial , Ground and Marine missions.
- Azimuth & Elevation stabilized systems.

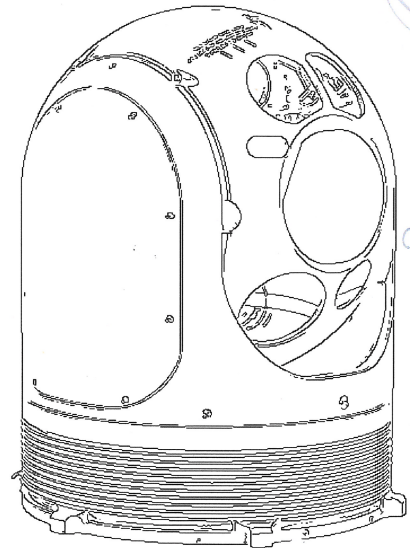
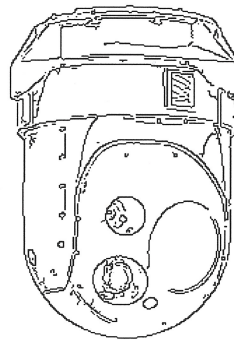


Position Sensor:

- DS & DF product lines from Ø 25 to Ø 130 mm
- Lightweight , contact less
- High durability - MIL-STD
- Low profile , hollow shaft
- Resolution: up to 19 bit
- Accuracy: < 10mdeg (0.17 mRad, 36 arcsec)
- Interface: Absolute Position - digital SSI



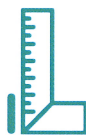
The Electro optical gimbals incorporate dual position sensors for Azimuth & Elevation precise feedback in extreme environment conditions.



High precision



Resistance to magnetic field



Small size



Low Profile



Lightweight



Hollow shaft



Durability

