



## Electro Optical Gimbals

### APPLICATION

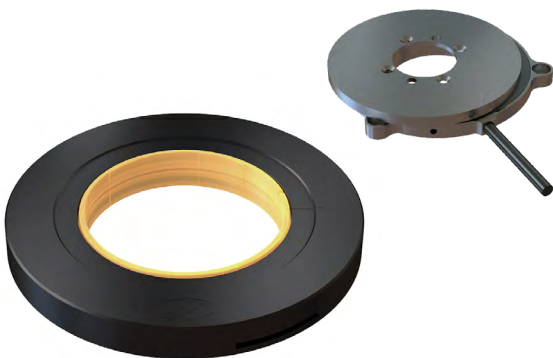
- Electro Optical gimbals for Aerial, Ground and Marine missions deliver day and night intelligence, surveillance & targeting.
- These systems have to deliver stabilized fast and slow Azimuth & Elevation motion in the harshest environment conditions including shocks, vibrations and temperatures and all within the smallest footprint and weight.
- Frameless & contactless with a negligible rotor weight, Introducing no extra weight & inertia (load) to the system.
- Wide & extreme working temperature & vibration span.
- Special safety algorithms with real time BIT (Built In Test) over SSI or BiSS.

### REQUIREMENTS

- Hollow shaft
- High precision
- low weight
- Low profile
- Resistance to magnetic fields and EMC

### POSITION SENSOR

- Most popular DS & DF line of Netzer absolute position Electric Encoder™.
- Compact, low profile, lightweight & wide bore: Allowing high integration level for a small size system design.
- High precision and resolution for very accurate slow motion and long range pointing.  
Most popularly 18 bit resolution or more and 10mDeg accuracy and less.



### PRODUCT FEATURES



HIGH PRECISION



LOW PROFILE



HOLLOW SHAFT



RESISTANCE TO  
MAGNETIC FIELDS

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