



### Features

- Self-Contained servo package including brushless DC motor, optical encoder, multifaceted polygon mirror and electronics.
- High reliability for Military applications
- Fully qualified in Raytheon (formerly Hughes) HIRE night vision systems

### Specification Summary

- |                     |                |
|---------------------|----------------|
| ▪ Number of Facets  | 8              |
| ▪ Max Jitter*       | 2.4 $\mu$ sec  |
| ▪ Speed             | 859.1 RPM      |
| ▪ Input power       |                |
| > Motor             | +10 VDC        |
| > Logic             | +5 VDC         |
| ▪ Diameter          | 3.5 inches     |
| ▪ Height            | 2 inches       |
| ▪ Temperature Range |                |
| > Operating         | -20°C to +50°C |
| > Storage           | -30°C to +70°C |

\* Maximum error between facet angle and reference frequency, expressed as a function of time, at speed indicated.

*Approved for general release  
 Specifications subject to change without notice.*