

GEOPRO INERTIAL NAVIGATION SYSTEM WITH REAL-TIME GEO-REFERENCED OVERLAYS

HIGHLY ACCURATE INERTIAL NAVIGATION SYSTEM WITH INTERNAL IMU.
THE ENTIRE SOFTWARE STACK, OWNED BY GSS, ALLOWS FOR COMPLETE
CUSTOMIZATION OF DATA FEED OUTPUT AND EXTERNAL GIMBAL CONTROL.



▶ GEOPRO

Auto Slewing to KML points

- Reduce operator's workload in the aircraft
- Eliminate operator error

Gimbal Command protocols available for 3rd party gimbal control

Focus using slant range and DTED data

- More accurate auto focus without using a laser range finder (laser range finder also available)
- Control lens characteristics using slant range

KML import for augmented reality

Accurate digital elevation data

Navigation assistance via Geo-Referenced overlay's

- Real-time location data, often used by pilots to assist

Infrastructure mapping via GSS PinPoint Technology

- KML file creation via previous flight path
- Data correction
- Provide asset mapping as a service

ArcGIS file compatibility - ESRI

- File compatibility with ArcGIS and other major GIS software systems

Advanced Geo-Pointing Capabilities

- Heading Adjustment (GSS Proprietary Solution)
- Geo Hold/Geo Lock/PinPoint (Hold Gimbal to a Geo Point)
- Geo Steer (Steering a point on the ground)

