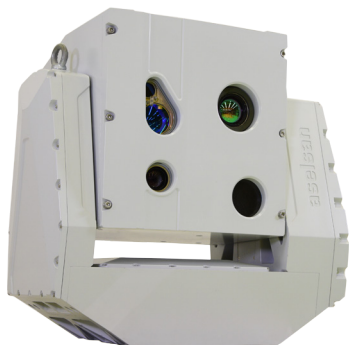
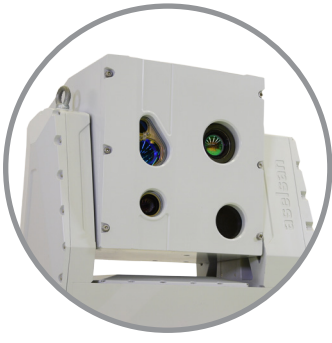


# HASG

High Accuracy Stabilized Gimbal



- 2-DEGREES OF FREEDOM
- HIGH ACCURACY (POINTING & STABILIZATION)
- HIGH STRUCTURAL STIFFNESS
- LOW FRICTION
- CUTTING-EDGE-TECHNOLOGY SENSORS



# HASG

## High Accuracy Stabilized Gimbal

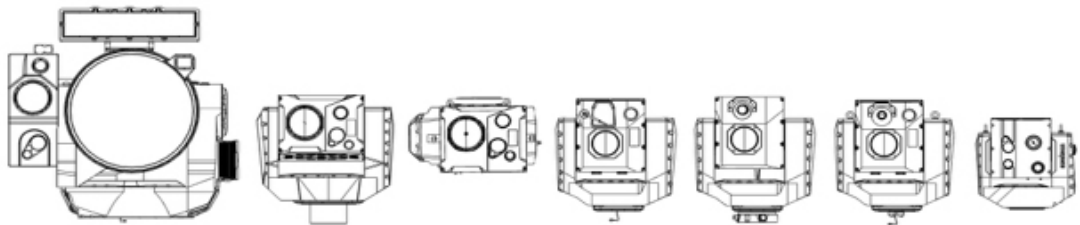
### High Accuracy Stabilized Gimbal Properties

- Integrated Video Tracking Unit
- High Tracking Performance
- Integrated Mission Computer
- Increased Configurability
- Reduced Communication Set
- Integrated Power Distribution
- Self-Contained
- Compact System Solution
- Reduced Number of System Component

### High Accuracy Stabilized Gimbal “stand-alone” Properties:

In addition to HSY Servo Properties;

- 2-Degrees of Freedom
- High Accuracy (Pointing & Stabilization)
- High Structural Stiffness
- Low Friction
- Cutting-Edge-Technology Sensors
- High Controller Bandwidth
- Compact Design
- Integrated Mechanics & Electronics
- Complete Servo Solution
- Embedded Intelligent Servo Driver
- Direct Drive Architecture
- Easy Adaptation to Different Payloads
- High Performance/Cost Ratio
- Remote Control



		ETP	OYP / EOS	EOYP	HSY-YSAT	HSY-NGS	HSY-Muhafız	HSY-LMM
	Payloads	-FC RADAR -IR Camera -TV Camera -LRF	-IR Camera -TV Camera -LRF	-IR Camera -TV Camera -LRF	-IR Camera -TV Camera -LRF	-IR Camera -TV Camera	-IR Camera -TV Camera -LRF	-IR Camera -TV Camera -LRF -LTx Unit
Azimuth	Max. Speed	120°/sn	120°/sn	120°/sn	90°/sn	90°/sn	90°/sn	120°/sn
	Min. Speed	0.05°/sn	0.05°/sn	0.05°/sn	0.03°/sn	0.03°/sn	0.03°/sn	0.05°/sn
	Max. Acc.	240°/sn <sup>2</sup>	240°/sn <sup>2</sup>	120°/sn <sup>2</sup>	90°/sn <sup>2</sup>	90°/sn <sup>2</sup>	90°/sn <sup>2</sup>	240°/sn <sup>2</sup>
	Movement	nX360°	nX360°	nX360°	-170°/+170°	nX360°	-170°/+170°	-170°/+170°
Elevation	Max. Speed	90°/sn	90°/sn	90°/sn	60°/sn	60°/sn	60°/sn	45°/sn
	Min. Speed	0.035°/sn	0.035°/sn	0.05°/sn	0.03°/sn	0.03°/sn	0.03°/sn	0.035°/sn
	Max. Acc.	240°/sn <sup>2</sup>	240°/sn <sup>2</sup>	120°/sn <sup>2</sup>	90°/sn <sup>2</sup>	90°/sn <sup>2</sup>	90°/sn <sup>2</sup>	90°/sn <sup>2</sup>
	Movement	15°/+85°	-5°/+75°	-5°/+70°	15°/+55°	-30°/+30°	-15°/+55°	-15°/+45°
	Stab. (1 )	<150µrd	<100µrd	<100µrd	<80µrd		<80µrd	<40µrd