

HIGH PERFORMANCE SYSTEM FOR GROUP 2/3 UAS, AND PILOTED PLATFORMS



HD95-MVS



LOW COST

Lowest cost, highest performing gimbal in 10" class



MISSION PROVEN

TRL 7 for military and commercial applications



HD DIGITAL VIDEO

Fully digital, h.265-compliant video pipeline



SUPERIOR GEOLOCATION

Less than 6m accuracy onboard



EMBEDDED VIDEO PROCESSING

Electronic stabilization and scene tracking



SEE-SPOT SWIR

Ability to see laser on target without NVG

TRACKING

- Onboard scene tracking
- Onboard geo tracking
- Onboard target tracking

GEOLOCATION

- IMU co-located with cameras
- 0.5° (typical) total system accuracy
- Real time geopointing and geolocation
- Onboard GPS receiver or platform provided GPS compatible

ELECTRICAL

- Control over Ethernet or serial
- 25W average, 100W peak power consumption
- 10V to 30V input voltage

MECHANICAL

- Pan: 360° Continuous
- Tilt: -80° to 20°
- 0.02° encoder resolution

SOFTWARE

- Onboard h.264/h.265 compression with adjustable bitrate
- MISB-compliant output including embedded KLV metadata
- Field upgradeable software
- Onboard electronic stabilization
- Ethernet video

CAMERA CONFIGURATIONS

*Options available

CONFIGURATION	WEIGHT	DIMS (W X H)	CAMERAS	FOV	ZOOM*	LASERS**
HD95-MVS	7600g 16.8 lbs	254 x 330mm 10 x 13in	Visible 1280 x 720	40.4° – 1.2°	36X	LD
			MWIR 640 x 512	18.2° – 0.9°	20X	LRF
			SWIR LTD See Spot	5.7°	1x	LP