

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



HD95-MVS



LOW COST

Lowest cost, highest performing gimbal in 10" class



ENVIRONMENTALLY SEALED

IP65 rated for protection against dust and water



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 geointing and geolocation
- Onboard GPS receiver or platform provided GPS compatible

ELECTRICAL

- Control over Ethernet or serial
- 25W average, 100W peak power consumption (LD)
- 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

CONFIGURATION	WEIGHT	DIMS (W X H)	CAMERAS	FOV	ZOOM (O+D)	LASER*
HD95-MVS	7600g 16.8 lbs	254 x 330mm 10 x 13in	Visible 1920 x 1080 ¹ MWIR 640 x 512 SWIR LTD See Spot	57.8° - 1.8° - 0.3° 18.2° - 0.9° - 0.5° 5.7° - 2.9°	192X (32x+6x) 40X (20x+2x) 2X (1x+2x)	LP LRF LD

¹Global Shutter

*Options available