



# HD40-LVV

REDEFINING PERFORMANCE WITH SUPERIOR OBJECT ID AND OPTIMIZED SWAP-C



HD40-LVV



## MISSION PROVEN

Versatile system for military and commercial applications



## SUPERIOR SWAP-C

Optimized for size, weight, power, and cost efficiency



## ITAR FREE

Non-controlled configurations



## SUPERIOR OBJECT ID

Delivers the best EO identification range in its class



## INTEGRATED AI PROCESSING

Instant execution of user-defined AI/ML onboard



## ROBUST DESIGN

Capable of withstanding high-impact forces

## TRACKING

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

## GEOLOCATION

- IMU co-located with cameras
- 1.5° (typical) total system accuracy
- Real time geopointing and geolocation
- Onboard GPS receiver or platform provided GPS compatible

## ELECTRICAL

- Control over Ethernet or serial
- 15W average, 75W peak power consumption
- 24VDC regulated input, external regulation accepting 10V to 30V available

## MECHANICAL

- Pan: 360° Continuous
- LVV Tilt: -80° to 45°
- 0.02° encoder resolution
- Rated IP 65

## 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/DFOV	ZOOM (O+D)	LASER*
HD40-LVV	750g 1.7lbs	102 x 152 mm 4 x 6 in	Visible 1920 x 1080 LWIR 1280 x 1024	45° - 1.5° - 0.3° 21° - 5.3°	180X (30x+6x) 4X (1x+4x)	LP