

CM234

Innovative tactical UAS payload



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World-leading ISR and targeting capability

The CM234 gimbal combines seven sensor configurations in a compact gyro-stabilized imaging system weighing just under 14.6 pounds. With four-axis active stabilization, the CM234 offers greater accuracy in intelligence, surveillance, and reconnaissance (ISR) and target acquisition operations while providing superior situational awareness to operators and warfighters.

The CM234 delivers innovative and powerful imaging technology ideal for a range of current and future tactical unmanned aircraft system (TUAS) missions.

High performance airborne imaging

The CM234 is a revolutionary gyro-stabilized imaging system that transforms the future of aerial ISR and target acquisition operations.

The CM234 combines seven sensors in a compact, four-axis payload. The system includes two HD EO sensors, one MWIR sensor, one SWIR sensor, a laser range finder, a laser target designator, and a laser pointer all in one lightweight package. The system also offers advanced mechanical and electronic stabilization, object tracking, and georeferencing capabilities to excel across mission sets.

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Features

- <14.6 lb weight
- Four-axis stabilization
- Medium-wave infrared (MWIR) and short-wave infrared (SWIR)
- High-definition (HD) wide and narrow electro-optical (EO)
- Laser range finder
- Laser target designator
- Laser pointer
- IP67-rating for water and dust resistance

Benefits

- On-board video encoding and processing minimizes additional hardware, extends flight time, and delivers enhanced video for operators
- Well-suited for tactical ISR, target acquisition, law enforcement, and security missions
- Employs industry standards for easy integration and interoperability