



# TRINE

## Aerospace & Defense

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## Retractable Camera Mount System

The Trine Aerospace Retractable Camera Mount System (RCMS) revolutionizes the way EO/IR sensors are mounted to mission aircraft.

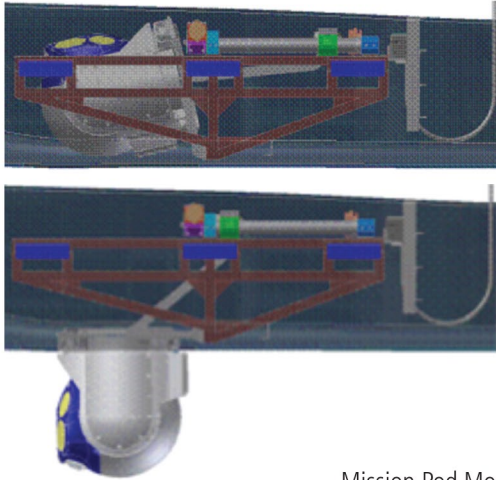
Mounting your sensor with the Trine RCMS reduces drag and increases your aircraft's performance. Additionally, the Trine RCMS protects the sensor from FOD during ground operations, and from bird & lightning strikes when airborne. The Trine RCMS allows for unimproved field operations, and enhances security for your parked aircraft when your mission is complete.

Trine's modular RCMS design is adaptable to any rotor-wing or fixed-wing aircraft operating at speeds up to 400+ knots. Whether your installation requires a nose mount, a pod mount, or a fuselage mounted solution, you can consider the benefits of adding RCMS technology to your mission aircraft including:

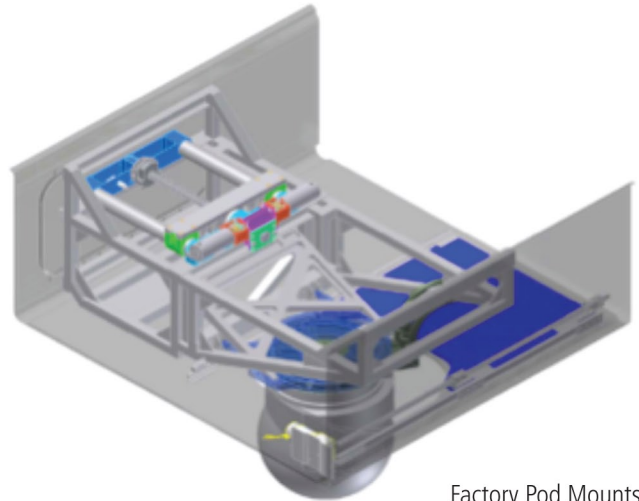
- > Better fuel economy
- > Increased loiter times
- > Greater dash speeds
- > Ultimate camera protection

Each model of surveillance aircraft offers its own unique performance and operational characteristics and so does the sensor system that you select. The Trine RCMS is designed to help you optimize these features on each of your ISR mission aircraft.





Mission Pod Mounts



Factory Pod Mounts

### Specification:

- > Dimensions (Varies with Design) 23"x20"x14" - 54"x22"x19"
- > Weight (Varies with Design) 39-86 lbs
- > Power Requirements 28 Volt DC, Max. 15 Amps
- > Payload Up to 20" / 200 lb. Sensor
- > Bayonet/Quick Disconnect Available for WESCAM MX-15, MX-15HDi, MX-20, FLIR Systems Safire III, 380HD, Raytheon MTS-A, Zeiss Leo-II/III

### Product Improvements:

- > Lower profile for smaller space requirements
- > Minimal lubrication required
- > PTFE treated slide tubes to prevent condensation and freezing
- > Redundant limit switches
- > Automatic switching between Motor 1 and Motor 2
- > Electronics Shielded for EMI

### Contact us:

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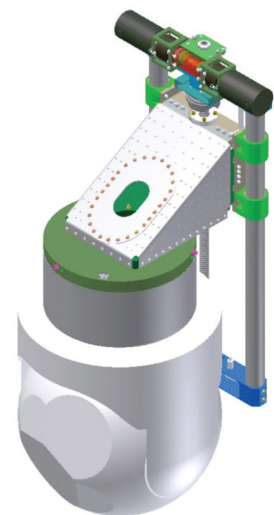
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### The Standard Trine Retractable Camera Mount System Kit Includes:

- > Retractable Camera Mount
- > Wire Harness
- > Control Circuit
- > Bayonet Mount
- > RCMS Installation/Operations Manual
- > Manual Retract System (Optional)
- > Deployment Door System (Optional)

### Installation Support:

Trine Aerospace & Defense is a full service aviation solution provider that offers engineering, manufacturing, aircraft modification and FAA/EASA certification services. Learn more at [TrineAerospace.com](http://TrineAerospace.com).



Nose/Fuselage Mounts

For more information please email [info@TrineAerospace.com](mailto:info@TrineAerospace.com)

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