

**NEW!**



## **Gyro-Stabilized Survey Solution for Optech Orion H/M/C**

### **No more compromises**

Head in the right direction with Optech's new GSM gyro-stabilized survey kit for the Optech Orion and CS-Series cameras. Fully compatible with all Orion models, our GSM survey kit provides clean, consistent lidar and camera imagery regardless of the flying conditions. It's tightly engineered to eliminate the usual patchwork solutions, while supporting up to 3 sensors in deep-portal installations—all without FOV obstruction.

The Optech GSM survey kit takes full advantage of Optech's expertise in custom mounting solutions and multi-sensor installations. Our unique approach integrates SOMAG AG Jena's proven GSM-3000 gyro-stabilization mount with a precisely designed Optech sensor frame and platform, with additional external leveling input provided by the Orion's high-accuracy position orientation system.

Coupled with the Optech Orion H/M/C sensor and up to two Optech CS-series aerial digital cameras, Optech's gyro-stabilized survey solution delivers dense, precise and accurate data for your mapping solutions.

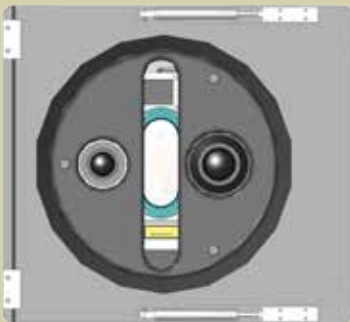
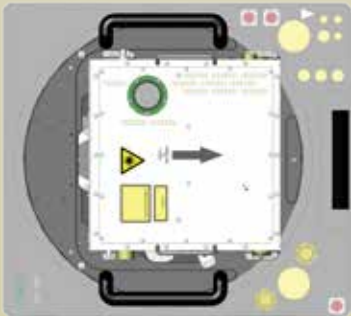
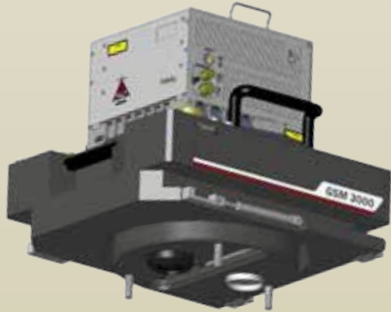


### **Complete integration kit for an all-in-one solution**

Install the Optech Orion and up to two Optech CS-series aerial digital cameras with:

- SOMAG GSM-3000 gyro-stabilization mount
- Optech sensor frame with carbon-fiber cover
- Optech sensor frame platform (optional for non-GSM installations)
- Applanix POS yaw/drift control license
- Efficiency planning via Optech FMS Planner.

**Optech**



## Maximize your flight efficiency by flying fewer survey lines

By reducing heading error, Optech's GSM survey kit improves lidar point distribution on the ground—so you can minimize your sidelap and broaden your survey swath while maintaining data integrity. And with constant photo alignment in the direction of flight, you get the most out of Optech's patented True FMC™ forward motion compensation technology, available in the Optech CS-10000 medium-format aerial digital camera.

## Accelerate your data delivery and data quality

With more efficient data acquisition, there is less data and imagery to process and far fewer corrections. Your survey workflow shortens and your data deliverables improve: clean, dense, highly accurate lidar data and pinpoint-sharp imagery.

## Neatly packaged to protect your equipment

No more oversized sensors or bulky hardware to get in your way. The compact Optech Orion sensor fits comfortably within the GSM footprint, with up to two cameras drop-mounted below. It's a tidy, workable solution for cramped spaces where every inch counts.

## 3 sensors in one standard 19" camera hole

Add sensors without making structural changes to your aircraft by installing Optech's gyro-stabilized survey solution. Designed for the realities of survey deployment, it delivers lidar data and camera imagery that will put you ahead of the competition.

## Deep-portal installation with the GSM—or without

Eliminate FOV obstructions and the hassles of flush-mounted sensors! Get a wider view with Optech's unique drop-mounting approach for up to two high-resolution cameras with the Optech Orion lidar sensor. The versatile sensor platform works even if you're not using the GSM, improving your survey efficiency by preserving the full FOV.

## Vibration-dampening system, even without the GSM

Get a smoother view without the GSM by deploying the Optech sensor frame platform as a standalone mount. The result of Optech's extensive experience in challenging flight environments, the platform gives you reliable data in both aircraft and helicopter installations.