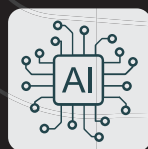




OFIL Airborne Aerial Inspection Systems



PRODUCTS



ROMLite

The nimble ROMLite series of gimbals are robust, lightweight, and work on a variety of aircraft. The same great build quality, stabilization technology, geo-referenced data, and fiber-optic data architecture, just in a lighter, lower-profile form-factor.

Need a gimbal for your R44, Cessna Caravan, Diamond DA62, or virtually any other aircraft you can imagine? Do you need to map a fire, inspect a powerline, survey a pipeline, look for personnel? The ROMLite may be what you are looking for. Payloads include HD LWIR, MWIR, HD UV, OGI, 4K EO video, and more. Discuss your needs with us today — we are happy to send you a full spec-sheet.



ROM HD

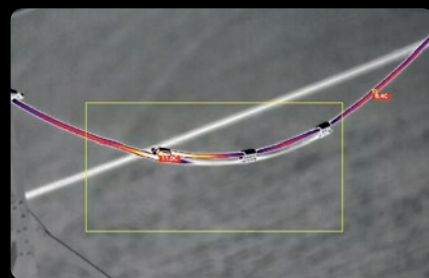
The trusted workhorse, the ROM HD has proven itself across multiple industries, continents, and aircraft for many years. Full carbon-fiber construction means it's tough but light, allowing us to fit the highest resolution sensors and lenses without exceeding mounting limits. Our innovative fiber-optic data architecture means we can push full uncompressed data with no latency, simultaneously giving you the best data and the best performance in the industry. In addition to all the sensors available in the ROMLite, the ROM HD can house 5 sensors instead of 4, and includes 65-120MP still imagers as standard.



Optical



UV



Infrared

CTS



ROM Ultra

The Powerhouse, the ROM Ultra uses the same trusted form-factor as the ROM HD, but inside, it has even more technology. In addition to all the sensors in the ROM Lite and ROM HD, Ultra options include highest-accuracy GPS technology, intuitively-targeting component-level auto-focus for the crispest details even in crowded environments, up to 400mm still-camera zoom lenses, 8K video, AI-linked auto-steer-and-capture options, even integrated forward-looking-lidar is available.



Moving Map Display

In the Cabin

All of our gimbal systems use a single thin-but-robust 7 mm fiber-optic hybrid power/data cable to not only run the gimbal, but to effortlessly get all that data back inside the cabin.

Installers and pilots love the small and light footprint in the cabin, and operators love the intuitive carbon-fiber hand controller — its bright touch-screen and ergonomic layout of control knobs, joystick and sensor triggers mean you never need to search for a setting or a sub-menu, you have everything you need for full control, right at your fingertips.

Moving maps, touch-screen monitors, and real-time system status ensures inspectors never miss a target, and our AI target detection gives auditors and regulators additional piece of mind.



SERVICE

From complimentary multi-day operator training, to included annual component-level overhauls, no one takes care of you like OFIL. We don't see customers, we see partners and friends. We are available to help with any issue you are facing, 24/7, anywhere in the world. Give us a call or drop us a line today, we would love to hear from you:

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OFIL Airborne develops and manufactures high precision multispectral gyrostabilized aerial inspection systems.

We continually lead the industry on data quality and user interfaces, for better, faster, and safer inspections, across a variety of industries.

Our use of carbon fiber manufacturing, fiber-optic data transfers, and integration with cutting edge technologies like AI and next-generation sensors, plus our aviation-oriented approach to annual maintenance and upgrades, ensure our systems are not only state-of-the-art, but are also future-proof,

regardless if you are using helicopters, fixed-wing aircraft, or large UAVs.

Our payloads include HD, 4K, and 8K video, the highest resolution IR sensors, the most sensitive HD UV sensors in the world, integrated LIDAR, OGI, and LRF sensors.

We love working with our customers to develop innovative solutions to your needs. If you need something specific, and no one else can help, give us a call.



More information
about all our
products and
datasheets:
ofil-airborne.com