

OPTiM®

ROBOTICS SERVICE

ROBOTICS PRODUCTS

Fixed-wing drone OPTiM Hawk



This design is best suited for long flights over large areas, such as fisheries or forests.

Features

- 30+ km range, 1+ hour flight time
- Lightweight and rigid design by veteran Japanese designers
- Built-in electronic gimbal for stable imaging
- Supports various wide area communication device, including OPTiM's 920 MHz telemetry system (Contact OPTiM for details)

Multicopter drone OPTiM Agri Drone



This drone of OPTiM's original design provides various types of imaging for any task.

Features

- Automated flight by waypoints
- Customizable with multispectral cameras, pinpoint agri chemical sprayer, and wide-area communication unit
- Compatible with electronic gimbals and multispectral cameras for robust image analysis
- Supports various wide area communication device, including OPTiM's 920 MHz telemetry system (Contact OPTiM for details)

Land-based robot OPTiM Crawler

開発中



A land-based drone for efficiently managing fields and greenhouses.

Features

- Automated flight by waypoints and waypoint line tracer GPS
- Includes an electronic gimbal, weight gimbal, and telescopic gimbal to ensure stable imaging, even on rough pathways
- Customize with various cameras, including 360 ° cameras, 4K high-def cameras, and multispectral cameras.
- Optional AI edge computer to perform image recognition on the device, saving data transfer time.

