

# 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.