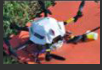


## 2014 to Present



## Operational Capabilities

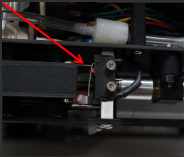
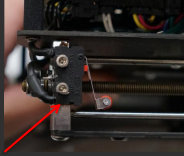
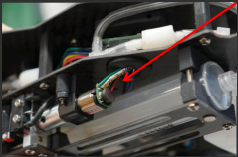
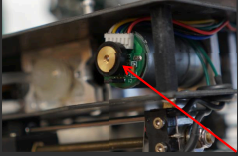
- Uses standard premo ignition spheres and full strength or 50/50 antifreeze
- Recommended load of 110 spheres, drop rate of up to 30 spheres per minute
- Fast-reload: single operator reload time is 5-8 minutes
- Lightweight, durable construction (2.2kg empty, 3.5kg fully loaded)
- Wireless and bluetooth communication support (up to 5 km for wireless)
- Manual and programmable triggers
- Programmable trajectories and drop-points
- Delivered with robust custom transport case

## Area coverage

Assuming typical conditions and loads of 110 ignition spheres

Hours of operation	Spheres to be dropped per acre				
	1	2	3	5	10
1	300 acres	200 acres	150 acres	100 acres	50 acres
4	700 acres	450 acres	300 acres	200 acres	100 acres
8	1450 acres	900 acres	600 acres	400 acres	200 acres

## Safety



- 15+ hardware based sensors to continuously monitor motor positions, speed, power draw, response time
- Many more software checks
- Android App with geofencing and immediate feedback
- Configurable camera feedback

## Safety

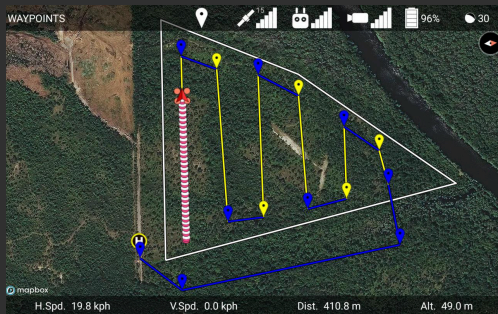


- Emergency release can be remotely triggered
- Tethers hold dropper at safe distance
- Mitigates risk of damage from onboard fire



## Drone Amplified App

- Geofence for safety
- Programmable and autonomous missions (blue lines are transitions, yellow lines are ignitions)
- Icons indicate where spheres were dropped



FIRE IGNITION MANAGEMENT WITH DRONES

# IGNIS

