

## Aircraft Type

The Rotomotion SR30 is a small, economical, short endurance UA. Utilizing a helicopter platform, the SR30 houses one or two cameras in a pan/tilt camera mount. The system is designed to track objects of interest even when the helicopter nose is pointed away from the object. The SR30 can carry day zoom cameras, infrared cameras, or both simultaneously. As purchased, the aircraft is equipped with both day and infrared cameras. The aircraft is capable of fully autonomous flight with auto-takeoff and landing. Manual control is provided by a 2.4 GHz safety controller.



## Aircraft Description

The Rotomotion SR30 is a small fuel powered helicopter.

Specifications (all are approximate):

Length: 61"

Width: 14"

Height: 22"

Main rotor diameter: 75"

Tail rotor diameter: 11"

Take off weight: 25 lbs

Maximum payload: 10 lbs

Climb rate: 400 ft/min

Maximum speed: 35 Kts

Endurance: 1.25 hours with an additional .25 hour fuel reserve