UNIVERSIDAD DE SEVILLA

ROBOTICS, VISION AND CONTROL — GROUP —

Talon

Features a strong foam body internally reinforced with carbon fibre, parachute recovery and belly landing available, 24 megapixel camera with many other sensor options, automatic lens cover door, easy hand-launch, 5 minutes setup time, 2 hours of endurance, easy to transport and +30km link range.It is controlled with a pixhawk autopilot ¡ with an embedded Odroid, but it also has a Raspberry on board. The camera is a Xiaomi Yi Cenital.

Key Features

- Cruise Speed: 50km/h
- Batteries: 4S LiPo
- Wingspan: 2m
- Endurance: 2 hours
- Weight: 3500g

Possible Applications

- Tracing of objectives and surveillance
- Aerial recognition and data obtainment
- First person views flights and pilot training
- Localization and mapping

Access information

Corresponding infrastructure	Universidad de Sevilla Robotics, Vision and Control Group
Location	Camino de los Descubrimientos, 41092 Sevilla, Spain
Unit of access	Working day

Technical specifications

Cruise Speed	50 km/h
Wingspan	2m
Link range	+30km
Power supply	4S LiPo
Endurance	2 hours
Weight	3500g
Max Speed	+85km/h

Additional information

http://www.aeromao.com/aeromapper_talon_uav/