

LIGHT ACCURATE SMART

羽翼龍

Pterosaur™

Pterosaur is GEOSAT's compact UAV product. Weighing only 2.2 kg, it is a portable all-wing vehicle that can take off by hand-throwing or catapult, depending on terrain, wind and operation conditions. Equipped with auto-pilot flight control computer, it can carry 24 million-pixel camera, infrared camera, multi-spectral sensor. Pterosaur can be used in aerial photography, precision agriculture, 3D modeling for buildings, environmental monitoring. The UAV can fly for 60~70 minutes, covering 500 acres at 400 meter height above ground each flight.



TAIWAN EXCELLENCE 2018



● 2019 CSTP Innovative Product Awards

Specifications

Power	Li-Po Battery
Wingspan	1.4m
Max Takeoff Weight	2.2kg
Endurance	60~70min
Cruise Speed	45~55km/hr (Beaufort wind scale 4~5)
Take Off	Hand-throwing or Bungee Launcher
Landing	Parachute/Skid
Communication Distance	3km
Payload Camera	24 Million-Pixel Camera Infrared Thermal Camera Multispectral Sensor

- Light** — Removable wing, easy packing, small size for portable.
- Smart** — Intuitive area targeting, automatic route planning, automatic landing.
- Safety** — Fail-safe auto-homing, automatic landing, parachute in emergency.
- Efficacy** — Flying 1 hour or more.
- Professional** — Accurate recording of spatial coordinates and vehicle attitude for high quality orthophoto image and precision 3D terrain modeling.

* Patent : TW-I688519B / I688520B,
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Official Website

GEOSAT FB



<https://www.geosat.com.tw>

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