

EV005-Hero 550

ENAC Certificate Ref. N°6410

INDUSTRIAL APPLICATIONS

- Industrial plants and pipelines monitoring
- Photovoltaic systems monitoring

ECO & BUILDINGS

- Energy dissipation and losses monitoring
- Facilities monitoring

ENVIRONMENTAL APPLICATIONS

- Thermographic landfills surveys
- Asbestos surfaces classification
- Polluting spills identification

AGRICULTURE

- Multispectral surveys

SAFETY

- Critical infrastructures supervision
- Emergency management

RESEARCH & DEVELOPMENT

- Research institutes
- Universities

ALTERNATIVE PAYLOAD

- Photo/Video cameras
- Thermal camera
- Radiometric thermal camera
- Multispectral
- Hyper spectral



TECHNICAL SPECIFICATIONS

- | | |
|-------------------------------|----------------------------|
| ▪ Type | ▪ Multicopter |
| ▪ Rotor diameter | ▪ 550 mm |
| ▪ Maximum take-off weight | ▪ 3,600 Kg |
| ▪ Maximum payload | ▪ 1,100 Kg |
| ▪ Motor type | ▪ Brushless |
| ▪ On-board batteries | ▪ LiPo battery 4S 10000mAh |
| ▪ Structure | ▪ Polymers shell |
| ▪ Maximum speed (75% limited) | ▪ 10,2m/s |
| ▪ Endurance | ▪ Up to 20 min |

TECHNICAL BENEFITS

- | | |
|--|---|
| ▪ Good in-flight efficiency reducing mission execution times | ▪ Stabilized and controlled flight. |
| ▪ High payload capacities | ▪ Flying space control. |
| ▪ High precision during mission's execution. | ▪ Retractable gear. |
| | ▪ High stability, also in windy conditions. |



Hero 550 is a Remotely Piloted Aerial Vehicle (RPAS) with VTOL characteristics (Vertical Take-Off and Landing); with 4 electrical motors. Can load up to 1,100Kg with a maximum take-off weight (payload included) of 3,600Kg.

Hero 550 is designed to comply with all regulations of civil aviation authorities of several countries