

“BW09” EV004

ENAC Certificate Ref. n°6409

INDUSTRIAL APPLICATIONS

- Aerial Photogrammetry
- Industrial plants and pipelines monitoring
- Photovoltaic systems monitoring
- EMC monitoring

ECO & BUILDINGS

- Energy dissipation and losses monitoring
- Digital models reconstructions
- Facilities monitoring

ENVIRONMENTAL APPLICATIONS

- Air quality monitoring
- Thermographic landfills surveys
- Asbestos surfaces classification
- Polluting spills identification

AGRICULTURE

- Multispectral/IR surveys
- Vegetation stresses recognition

SAFETY

- Critical infrastructures supervision
- Emergency management

RESEARCH & DEVELOPMENT

- Research institutes
- Universities

PAYLOAD OPTIONS

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



TECHNICAL SPECIFICATIONS

- | | |
|-------------------------------|------------------|
| ▪ Type | ▪ Fixed wing |
| ▪ Maximum take-off weight | ▪ less than 2 kg |
| ▪ Maximum payload | ▪ 400 gr. |
| ▪ On-board batteries | ▪ LiPo battery |
| ▪ Structure | ▪ Polymers shell |
| ▪ Maximum speed (75% limited) | ▪ Up to 72 km/h |
| ▪ Endurance# | ▪ Up to 53 min |

TECHNICAL BENEFITS

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| ▪ Flight time reduction. | ▪ Stabilized and controlled flight. |
| ▪ Optimal stability and efficiency in strong winds conditions. | ▪ Flying space control. |
| ▪ High precision during mission's execution. | ▪ High efficiency, increasing range of action. |
| | ▪ High endurance. |

“BW09” EV004 is a fixed wing single engine Remotely Piloted Aerial Vehicle (RPAS). Its load capacity is up to 400gr. With a maximum take-off weight (payload included) less than 2kg

“BW09” EV004 can flies automatically following a planned route both on vertical and horizontal planes or, it can be manually controlled via a remote controller.

“BW09” EV004 is designed to comply with all regulations of civil aviation authorities of several countries. “BW09” EV004 can be used for critical specialized operations. This RPAS is recommended for missions over extensive areas.



