



AC-32-08

DESCRIPTION

AC-32-08 plane-type unmanned aircraft system.

The AC-32-08 plane-type unmanned aircraft system is currently the most compact system in the company's UAV line that comply with all requirements for modern drones. It can perform a range of tasks: starting from high-precision photography to on-line visual and thermal monitoring.

The body of the unmanned aircraft system is made of composite materials, which significantly extends the service life and increases reliability in severe operating conditions. The versatility of AC-32-08 allows installing on it the company's own-produced

cameras and thermal imagers, as well as using the customers' payload. The flight time of the unmanned aircraft system is 3 hours. The aircraft's modular construction allows it to be carried by any type of transport, but preparation for the flight will take no more than 10 minutes.

APPLICATION

- High-precision aerial photography
- Multispectral photography
- Thermal imaging
- On-line monitoring
- In-line check at emergency situations
- Exploration works

Parameters	Value
Flight time	Up to 3 hours
Flight speed	60 to 120 km/h
Engine type	Electrical
Engine layout	Propelling
The radius of the radio channel and video line action	70 km
Maximum flight range	At least 130 km
Take-off weight	4.5 to 6 kg
Payload	Up to 0.9 kg
Wingspan	2 m
Working height	50 to 5000 m
Operating temperature	-40°C to +40°C

