



ASISGUARD

SONGAR 3 X 81 MM MORTAR GRIPPER



GENERAL FEATURES of SONGAR

- Indigenous Design
- Ground Control Station (GCS)
- Autonomous and manual flight modes
- Route planning and autonomous flight on the map
- Automatic return to home in critical battery and disconnection situations
- *Flight Time: 30 minutes (without payload)

**Flight time varies according to weather conditions and payload weight used.*

TECHNICAL SPECIFICATIONS

- Cruising Speed: Autonomous (Max. Speed of Manuel Mode: 7 m/s, Max. Speed of Mission Mode: 10 m/s)
- Service Ceiling: 3000 meters Mean Sea Level, 300 meters Above Ground Level
- *Flight Range: 5 km (Continuous Line of Sight)
- GNSS: Available (GPS and GLONASS)
- Max. Shooting Range: ~300 m

**Flight range varies according to line of sight conditions.*

METEOROLOGICAL CONDITIONS

- Operating Temperature: 0°C to 40°C
- Maximum Wind Speed: 10 m/s

FEATURES of 81mm Payload

- Caliber: 81mm
- Ammunition Capacity: 3x81mm mortar

EO UNIT

Day TV/ IR/ LRF EO GIMBAL

- Day TV 1920x1080 resolution
- 640*512 Infrared Thermal Camera
- Thermal Dedector Type: LWIR
- 30x Optical Zoom for Day Tv Camera
- 3 axis high performance stabilizaiton
- Target tracking
- 5km Laser Range Finder

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