



ASISGUARD

## SONGAR 5.56 X 45 MM ASSAULT RIFLE



### FEATURES of Armed Payload

- Caliber: 5.56 mm
- Integrated Laser Range Finder
- Max. Shooting Range: 400 m
- Magazine: 100
- Rotation Ability: +5° to -45°
- Shooting: Optional Single, Multi and Series

### 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: ~400 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

### 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 trackig
- 5km Laser Range Finder

#### Barrel Camera and Laser Range Finder

- Operational Measuring Range of Laser Range Finder: max. 1000 m
- Eye-safe type
- Wavelength 905nm ( $\pm 10\%$ ) or 1540 nm ( $\pm 10\%$ ) wavelength.
- 10x optical zoom day vision camera: 4Mp (1920x1080, 1280x720)
- Measurement tolerance <5 m
- Can measure the distance between the target and barrel.

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