The SONGAR™ Armed Drone System is the FIRST NATIONAL automatic shooting stabilized armed drone. With high-quality design and outstandingly remarkable functions, it was developed to be used efficiently in all military and security-based day and night operations. The SONGAR™ Armed Drone System is equipped with an automatic machine gun, it can carry out missions within a range radius of 10 km, operate altitude of 2800 meters MSL, transmit real time images. It is equipped with a specially designed flexible ammunition feed chute (ammunition belt) and an automatic firing mechanism, can carry 200 pcs 5.56 x 45 mm NATO Class bullets.

SONGAR™ can continue any mission without any special intervention, bullet box can be replaced rapidly. The SONGAR™ FIRST NATIONAL ARMED DRONE increases survival against harassment fire in patrol zones and fortress patrol areas, or in the event of any ambush or threat during the transition of land vehicles and convoys. Due to its large number of airdrop bullet shooting capability, it can also be used for offensive purposes when necessary.
ON-DRONE MACHINE GUN SYSTEM (ODMG)

National Design

5.56 x 45 mm NATO Class bullets

Optional “burst” (15 bullets) shooting and serial shooting (200 bullets) modes

AUTOMATIC SHOOTING STABILIZATION SYSTEM (ASTS)

National Design

Machine Gun recoil absorption capability,

Barrel Elevation Motion Range: 0-60°
SONGAR™ Sub-System & Components

<table>
<thead>
<tr>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drone</td>
</tr>
<tr>
<td>ASTS (Automatic Shooting Stabilization System)</td>
</tr>
<tr>
<td>ODMG (On-Drone Machine Gun System)</td>
</tr>
<tr>
<td>GCS (Ground Control Station)</td>
</tr>
</tbody>
</table>

SONGAR™ Functions

- It carries out simultaneous missions via its single or multiple drone system
- It provides aerial reconnaissance of the threat/target area/point
- Counteracts the threat
- It assesses the amount and/or cost damage after the operation
- It transmits real time images
## TECHNICAL SPECIFICATIONS

**Operational Range:** 0 – 10 km  

**Operational ammunition load:** 200 pcs 5.56 x 45 mm NATO Class bullets,  

**Total weight when fully equipped with full ammunition load:** 25 kg  

**Service Ceiling:** 2800 m  

**Dimensions**  
- **Flight:** 105 x 62 x 75 cm  
- **Carriage:** 65 x 62 x 75 cm  

Modern design as per IP 67 standard,  

Double camera system with a Pilot camera (10x zoom) and a barrel camera,  

Mission Planning and operation via remote control,  

Real time image transfer,  

Capability of carrying out military operations at daylight and night,  

GPS and GLONASS compatible navigation capability,  

Image data recording for damage assessment after shooting.