



The main mission of this 23mm air defensive gun is for the protection of strategic, political and economic centers and military fortifications against threats such as; cruise missiles, helicopters, unmanned aircrafts, and air to surface missiles at short ranges and low altitudes.

This low altitude air defense system includes 8 sets of mechanized twin- barrel 23mm guns, one set of optical passive fire control, a power supply for making thrust and one set of 3D search – radar system.

This radar system is able to track air targets up to a distance of 20 km and 20 targets at once and choose the most dangerous one and then directs the data to fire control system.

Fire control of this defensive system at first step tracks down targets at the distance of 10 km, and then by collecting the entire data about its distance and surrounding conditions, it will calculate the coordination of that target and gets ready to fire once the target is placed at a distance of 1500 to 2500 meters.



### TECHNICAL SPECIFICATIONS

Detection Range	0.2 ~ 20 km
Max. Speed of Detected Targets	300 m/s
Max. Angular Speed of Targets	90 °/s
Motion in Azimuth	360°n
Motion in Altitude	0 ~ 100°
Angular Precision	1 million
Max. Angular Acceleration	120 °/s <sup>2</sup>

### FEATURES OF RADAR

Min. RCS	0.1 m <sup>2</sup>
Max. Range	20 km
Radar Altitude coverage	45°
Precision on Azimuth and Altitude	± 1.5°