



STRELA-10MS1



STRELA-10MS1 is a short-range self-propelled air defense rocket system. It is a modernization of the 9K35M system.

It is intended for close protection of the units on the march and during combat actions, as well as for defense of important facilities on the territory.

The following subsystems have been integrated through the modernization:

- RPS-42 radar, for detection of radar cross-section targets – unmanned aerial vehicles, cruising missiles, glide bombs, as well as aircraft and helicopters;
- Opto-electronic system with thermal vision camera and laser rangefinder, for target detection in day/night conditions and in low visibility conditions;
- PPC (target data transfer) system for improving the transfer and display of situational data in air space as well as target data reception from the command post commander/deputy;
- System for automatic occupation of occupying the firing elements;
- Anti-drone system, for jamming of control and navigation subsystems.

The system enables passive and active mode of targets detection, with the possibility of using the radar in all weather conditions, while the passive opto-electronic system is used in better weather conditions.

TECHNICAL CHARACTERISTICS:

Combat kit	4 missiles, combination of S-1MS/S-10M
Surveillance system	optical, thermal vision, radar
Maximum speed	61,5 km/h
Firing on move	30 km/h
March preparation time	120 – 180 s
Weight	12.152 kg
Length	6930 mm
Crew	3 members

