

STRIZH

OPTICAL-ELECTRONIC STATION

The station is designed for installation onto combat vehicles 9A34 and 9A35 of short-range air defense missile system 9K35 "Strela-10" (SA-13 Gopher). It provides in passive mode:

1. Search and detection of airborne target type "tactical fighter" flying at a 1000 m altitude at a distance:
 - 24 hours a day with the help of thermal vision channel – at least 10000 m;
 - in the daytime and in twilight with the help of television channel – at least 10000 m.
 2. Homing of the launcher to the target and its lock-on for its automatic tracking by the operator of 9A34 (9A35).
 3. Instrumental estimation of target position respective to a launch zone of 9K35 missile system by television channel, "ZONA" signal formation and its representation on the screen of operator of a combat vehicle.
 4. Visual estimation of target position respective to a launch zone of 9K35 missile system by thermal vision channel.
 5. Representation of air situation and service information on operator's screen.
- Optical-electronic station "STRIZH" operates stably within the environment temperature range from -40 °C to +50 °C.

TECHNICAL PARAMETERS

TELEVISION CHANNEL:

Type	
Field of view	
Spectral range, μm	

THERMAL VISION CHANNEL:

Spectral range, μm	
Field of view	
Photo receiver	



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monochromatic

WFOV – $25^{\circ} \times 18,7^{\circ}$

NFOV – $3,86^{\circ} \times 2,89^{\circ}$

0.6...1.0

8...12

$4.16^{\circ} \times 3.1^{\circ}$

uncooled bolometric matrix