



SOKOL

ALL-ROUND OPTICAL SURVEILLANCE AND LOCATION SYSTEM

All-round optical surveillance and location system "SOKOL" all-round optical surveillance and location system provides an automatic surveillance of a given hemispherical sector of the space, processes the information received from television modules, recognizes and identifies detected objects, calculates and constructs air situation and subsequently transfers it to subordinate combat vehicles and the central command post.

"SOKOL" is capable of air defense reconnaissance at a distance of up to 20,000 m in a full stealth mode.

Number of cameras, pcs	36
Type of receiver	CMOS NIR-enhanced
Spectral sensitivity	0.4 – 1.1 μm
Receiver resolution	4056x3040
Lens narrow field	F1.65/35 mm
Angles of sight:	
– horizontal	360°
– vertical	-10°...+70°
– instantaneous field of view	360°x7°
Lift height of telescope mast with radar	6 m
Dimensions	Ø 750 mm
Height	300 mm
Weight	55 kg



not less than 2 000



up to 20 000

■ detection range (on the STANAG 4347)(m)