



## 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 $\mu\text{m}$ |
| 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)