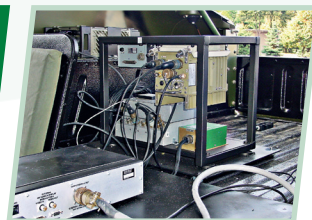


## MOBILE WARNING AND RECOGNITION SYSTEM FOR THE PROTECTION OF DATA BASE AND ADVANCE SECTIONS SRPW-13



**SRPW-13 realizes an advanced concept of reconnaissance, warning and surveillance via multi-component integration of the sensors, equipment and the information of the highest technological level with an on-board computer in order to effect the observation, detection and definition of threats to be directly used for decision-making and messages for radio transmission.**

SRPW-13 is a developed version of Battlefield Recognition System SRPW-12 – designed for passive surveillance of the approaches within the visible and thermal band in the wide angle of view, or of remote objects in the very narrow angle of view and the determination of their distance and angle coordinates with reference to the system's own position together with IFF 'Friend or Foe' identification – enriched with the recognition, warning and surveillance of the threats system in the wide thermal and optical band – called **Svetovid**.

**Svetovid** is an optoelectronic warhead consisting of: the set of sensors that are arranged circularly or into sectors, intended for detecting the nearby zone threats, as well as automatically guided camera with the changeable control of the angle of view towards the direction of the threat detected by the sensor.

The set of sensors and the camera are placed on the telescopic mast that is automatically folded and unfolded.

### CAPABILITIES OF THE SYSTEM

- » passive detection, identification, thermal-video recognition with no detection of the own position,
- » laser eye-safe distance measurement,
- » positioning, coordinates measurement,
- » active 'friend or foe' identification MARK XII,
- » detection, warning and threats surveillance in the wide thermal and optical band,
- » threats detection in the nearby zone,
- » automatic contamination detection,
- » message defining,
- » data transmission,
- » image transmission.

### PURPOSE

SRPW-13 is designed for the land, sea and air passive surveillance of the approaches in the visible and thermal bands, in the wide angle of view or the surveillance of remote objects in a very narrow field of view as well as for the determination of their distance and angle co-ordinates with reference to own position together with 'friend or foe' identification MARK XII.

It is also intended for detection, warning and threats surveillance in the wide thermal and optical band. The system renders detection and automatic signaling of the existence of contamination possible.

The system is integrated with STO-11 image transmission station passing the image form the M-25 stabilized binoculars, which together with the light chemical contamination detector make the fittings for a crew member who performs individual tasks.

The data and the image from the cameras are automatically transmitted in real time to the command control posts or for the tactical situation analysis. The system mobility is provided by multi-task light armored vehicle.

