BOJHOTEXHUYKU UHCTUTYT MILITARY TECHNICAL INSTITUTE

МИНИСТАРСТВО ОДБРАНЕ РЕПУБЛИКЕ СРБИЈЕ REPUBLIC OF SERBIA MINISTRY OF DEFENCE



"KOBAC-1PR" KIT FOR DETECTION AND JAMMING OF UAVs





"KOBAC-1PR" kit for detection and jamming of UAVs enables:

- Automatic detection, identification, tracking and neutralization of UAVs;
- Use of more various types of sensors connected for higher probability of detection;
- Automatic detection and identification of drones via AI algorithms;
- · Creation of protection zone of 4 km diameter;
- Possibility of jamming sectors and in all directions in order to protect own forces.

KOBAC-1PR consists of the following components:

- Radio-reconnaissance set;
- Reconnaissance radar set;
- Radio-jamming set;
- Antenna array;
- 2 sets of working posts with software.

TECHNICAL CHARACTERISTICS:

Frequency band - searching: 400 MHz up to 6000 MHz;

Current frequency band: 84/160/200MHz

Frequency resolution: <1 KHz

Frequency band - jamming (6 modules): 400-470 MHz / 800-1000

MHz / 1164-1610 MHz / 2200-2500 MHz / 3400-3800 MHz / 4900-5900 MHz;

Transmitting power: 50 W (per module);

Jamming techniques: sweep, multisweep, external jamming signal, with deception option.





