## ВОЈНОТЕХНИЧКИ ИНСТИТУТ MILITARY TECHNICAL INSTITUTE

## МИНИСТАРСТВО ОДБРАНЕ РЕПУБЛИКЕ СРБИЈЕ REPUBLIC OF SERBIA MINISTRY OF DEFENCE



## **KOMARAC 3 - ARMED SINGLE-USE DRONE**



Remotely piloted combat multirotor aerial vehicle BDPBM Komarac 3 is a FPV drone with an optical cable for single-use. The system is manually guided to the target being controlled via station and the operator is provided a direct image transfer from the camera. It can be armed with the Malyutka rocket family warhead, such as Malyutka 9M14P1 basic version, as well as its modified versions: thermobaric Malyutka 2F and tandem- shaped-charge Malyutka 2T. The other type of the warhead it can carry is an anti-armor shaped-charge fragmentation warhead BGEFP of 150 mm caliber. Depending on the warhead it carries, it is capable of acting against various targets: destruction of unarmored targets, live force, firing points and fortified positions, tanks and other armored vehicles, with or without explosive reaction armor (ERA), as well as destruction of firing points and fortified spots.

In order for BGEFP 150 to have the proper effect (projectile formed), the fuse must activate the warhead at a distance of about 2 m from the target, using an optical proximity sensor (LIDAR). The additional protection from UAVs (nets, grilles, etc.) do not impact these types of WH with EFP.

## **TECHNICAL CHARACTERISTICS:**

Effective radius:

Flight time:

Maximum payload:

Operational temperature range:

up to 10 km ≥ 10 minutes

3 kg

-10 °C up to +40 °C





