

PIAP FENIX®

lightweight reconnaissance robot

It has been created to conduct reconnaissance in the immediate vicinity of military operations, including places inaccessible to humans. PIAP FENIX® robot is unique with its operating time (up to 6 hours). Cameras (optionally: thermal, night vision) mounted on the robot's mobile base allow to conduct day and night surveillance. Excellent field properties of PIAP FENIX® robot (track-wheels chassis with moveable front flippers) ensure easy movement on hardened road surface, dirt roads, pathless tracts and in urban areas.

PIAP FENIX® robot is easy to transport – owing to its small size and low weight it can be carried in a backpack.

The robot, depending on its equipment, can serve either for surveillance, lifting and neutralization of dangerous loads or for transport of sabotage measures.



TECHNICAL DATA:

Dimensions of the robot without antennas and front flippers (length x width x height):	60 x 50 x 19 cm
Weight of the robot without manipulator:	16.5 kg
Maximum speed:	8 km/h
Range in open field:	800 m
Maximum lift capacity of the manipulator:	5 kg
Maximum horizontal range of the manipulator (from the end of the mobile base):	100 cm
Operational work time (depending on the type of mission, possibility of quick battery replacement):	Approx. 6 h