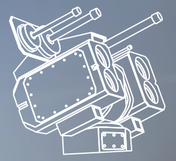
AIR DEFENCE SYSTEMS

ALKA

NETWORK ENABLED WEAPON



TECHNICAL SPECIFICATIONS

RANGE	2.5 KW: 750 M 5 KW: 1.500 M
TARGET DETECTION	DRONE DETECTION RADAR
TARGET FOLLOW	UP TO 100 TARGETS THE ABILITY TO FOLLOW
DUTY	DAY AND NIGHT MISSIONS
WEAPON SYSTEM	LASER WEAPON AND ELECTROMAGNETIC MIXING SYSTEM
CONCEPT OF USE	MOBILE, PORTABLE AND STATIONARY USE

TARGET TYPE

DRONES, LOITERING MUNITION, MINI/ MICRO UAVS, IMPROVISED EXPLOSIVE DEVICES (IED'S), FLOATING MINES, UNMANNED MARINE VEHICLES (UMVS) AND SWARMS

ALKA

ALKA Directed Energy Weapon System (DEWS); uses electromagnetic and laser technology against asymmetric threats as very close hybrid air defense system.

Threats are interfered by Electromagnetic Jamming System (EJS) and are destroyed by Laser Destruction System (LDS) with two-layered defense architecture. It can also be used to counter bomb traps in residential areas and roadside Improvised Explosive Devices (IEDs).