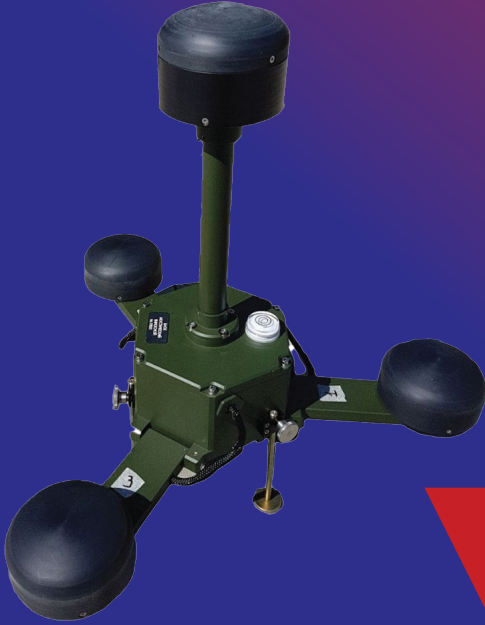


ACOUSTIC RADAR



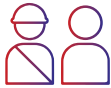
ISTANBUL
DEFENCE
SYSTEMS



ACOUSTIC RADAR

ACOUSTIC RADAR SYSTEM is designed for sound reconnaissance. Its task is to determine the azimuth of an object and the range from the sound it creates, using phase shift detection algorithms and the triangulation method. The acoustic radar system is widely used in military affairs to identify the location of the firing positions of enemy guns, enemy equipment by the sound of the engine, the rotation of the blades, etc., with the ability to determine the type of equipment.

The main features are:
















Can be used both in civilian and military areas



Effective against wide range of unmanned systems

CHARACTERISTICS

	Number of microphones, pcs	4
	Number of external microphones, pcs	up to 4
	Receiver type	ICS-40300 MEMS microphone
	Acoustic range, Hz	10...20000
	Overall dimensions, mm	600
	Height, mm	620
	Weight, kg	16
	Power supply, V	27
	Power, W	15
	Target detection range	
	- a shot from small arms	up to 1 km
	- target type "helicopter"	up to 3 km
	- target type "airplane"	up to 5 km