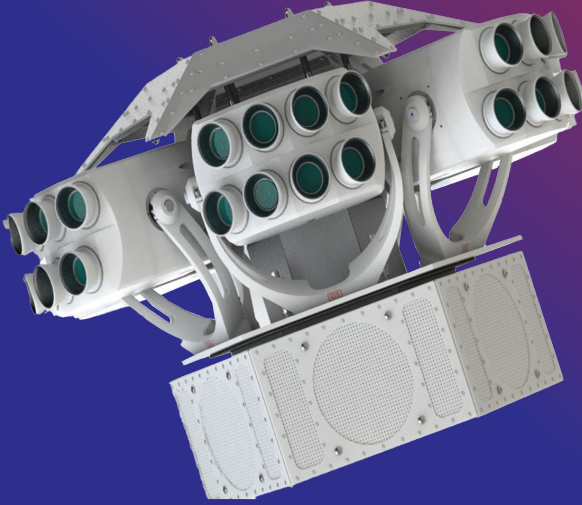


EOSTRIX 100



ISTANBUL
DEFENCE
SYSTEMS



EOSTRIX 100

EOSTRIX 100 is the electro-optical radar, which provides continuous 360° detection of airborne and land threats without any obstruction. The system is suitable for Anti-Drone, Border Security and Facility Security solutions whenever passive detection is required. The system can track multiple targets. The Artificial intelligence system performs detailed analyzes and checks the tasks performed. Systems are autonomously guided against threats by artificial intelligence.

The additional features are:



Versatile Optical Surveillance and Location System



3 fields of views



Possibility of Obtaining External Target Designation

CHARACTERISTICS

	Number of Cameras	48 pcs
	Receiver Type	CMOS
	Spectral sensitivity	0.4 – 1.0 μm
	Receiver resolution 12 Mpix	4056 x 3040
	Lens narrow field	F0.9/45 mm
	Field of Views:	
	Horizontal	360°
	Vertical	-10°...+70°
	Instant field of view	360° x 6°
	Lifting height of radar telescopic mast	6m
	Maximum detection range:	
	• Drone 0.3x0.3 m	1635 m
	• Human 1.7x0.5 (0.75) m	4080 m
	• NATO target 2.3x2.3m	16700 m
	Possibility of obtaining external target designation	Yes
	Communication	Fiber or Ethernet (10G)
	Operating temperature	-40°C ... 70°C
	Power Requirements	AC220V, 50Hz, 550W