



ILTER

R A D A R

DRONE DETECTION SYSTEM





**RADAR
FEATURES**

Type / Capability	ILTER 3D Radar / Surveillance
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Detection Range				
Micro UAV	Fixed Wing UAV	Mini UAV	Paramotor	Vehicle
≤ 5 km RCS 0,01 m ²	≤ 9 km RCS 0,1 m ²	≤ 15 km on RCS 0,5 m ²	≤ 20 km on RCS 1 m ²	≤ 10 km on RCS 2 m ²

Coverage	
Azimuth	Elevation
360°	-2 /+53°

Accuracy			
Range	Azimuth	Elevation	Velocity
< 5 m	< 0,5°	< 1°	0.2 m/s to 1 m/s

Resolution		
Range	Azimuth	Elevation
15 m	≤ 2° (±1°)	≤ 6° (±1°)

Probability of Detection	80% and above within the coverage area
Track Capacity	300 targets
Update Rate	Min. 2 sec
Antenna Technology	Slotted Waveguide Antenna
Peak Power	≤ 300 Watt
Operating Frequency	X Band
Type of Beam / Rotation Rate	Multiple Pencil Beams / 1-30 RPM

ILTER J350



ILTER J400



ILTER MRKAS



ILTER
ELECTRO OPTIC



ILTER
MOBİL



ILTER
RADAR



- User-friendly interface and touch screen
- User authorization
- Wireless connection between command and control center and İLTER
- User-friendly GUI operation
- Detailed log records
- Centralized command and control capability of multiple İLTER systems
- Update with remote connection