

# Drone Detection Radar (DDR)

Drone Detection Radar (DDR) is an FMCW based Radar designed to detect and track mini and micro class Drones/UAVs. The product delivers a complete surveillance solution (Search & Track) to threats from Drones/ UAVs.

DDR is capable of 360° Azimuth coverage. With LPI capability, it is extremely difficult for intercept receivers to correctly identify the Radar parameters and Radar type. Its high processing gain and good range resolution enables very low RCS target detection.

DDR can also prompt other sensors like EO & Laser to take countermeasures against the threat by providing target range, azimuth and elevation.

DDR is capable of monitoring a designated airspace day and night in all weather conditions. The Radar can be controlled and operated remotely through wired communication. It is easy to deploy and can be carried in backpacks and hence man portable.



## KEY FEATURES

### 3D Radar.

- ◆ Track while scan.
- ◆ Digital Beam forming technique to resolute target in elevation.
- ◆ Low Probability of Intercept.
- ◆ Detection Capability of Mini and Micro Drones.
- ◆ 360° Coverage.
- ◆ Portable and Battery Operated.
- ◆ Built-in-Test (BITE).
- ◆ Environmentally qualified.
- ◆ Independent operation or can be integrated with other surveillance systems by networking.



*\*Specifications are subject to change due to design improvements.*

**PLEASE CONTACT**

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