

Low Level Light Weight Radar (Improved)

LLLR(I) Radar is a Pulse-Doppler, software-defined radar platform incorporates an AESA antenna and GaN amplifiers with advanced 3D processing capabilities, providing unprecedented clutter handling and multipath mitigation. The radar is employing state of art Active Phased Array Radar with Digital Beam Forming Technology. It is a next generation true multi-mission radar with optimal performance against a wide variety of targets including low RCS targets Drone and UAVs. It's a non-moving radar with four phased array antenna panels covering 360°. The antenna panels are fixed on tripod, passively cooled, with no mechanical motion and no moving parts or liquids, for extreme reliability and long MTBF.



KEY FEATURES

- ◆ AESA radar with Solid State technology.
- ◆ GaN amplifiers with Digital Beam Forming technology
- ◆ Agile multiple beams in elevation.
- ◆ Mono pulse technique providing very accurate tracking in elevation
- ◆ Track While Scan automatic tracking
- ◆ Built-in Self-Test feature
- ◆ Extensive electronic counter-counter measure (ECCM) capability.
- ◆ CDU provides full remote control of the radar modes, displays the Air situation picture using HMI
- ◆ Target indication to weapon systems through wired or wireless communication medium
- ◆ Light weight operable in plains, desert and high altitude terrain.
- ◆ Man portable and transportable by 'In Service' Load Carrying Vehicles



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

PLEASE CONTACT

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