RADAR ALTIMETER

"Innovative Solutions for a Connected Future"



(SRA.2 - Radar Altimeter)



(SRA.4 - Expendable Radar Altimeter)

SRA is an indigenously developed SAMEER Radar Altimeter designed for fast moving airborne platforms. It comprises a transceiver unit and separate antennas which allows flexibility in system integration. The radar altimeter is designed for plug-and-play installation, is environmentally robust and has standard electrical interface and mechanical form-factor.

Key Features

- C band LFM Radar
- 0.5 W Emitted Power (Max)
- Range of Operation: 0.5 to 1500 mts (SRA.2) || 1 to 500 mts (SRA.4)
- Sub-meter accuracy at near heights
- Pitch and Roll: ± 25° / ± 45°
- MIL-1553 Bus and RS422 SIO
- MIL-STD461 qualified |• MIL-704D compliant
- Operating Temperature: -40° C to +70° C

Applications

- Unmanned Combat Aerial Vehicles (UCAVs / drones) and Autonomous Systems
- Missiles, guided weapons, and sea-skimming platforms
- Aerial Target UAVs / Target Drones

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