

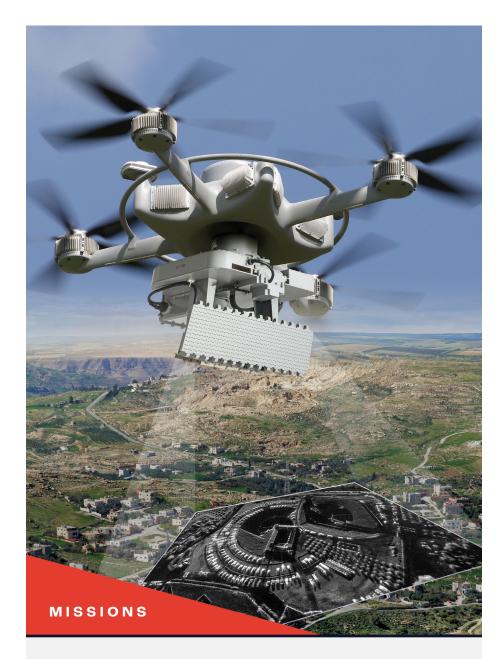
>> ENA-2054

Lightweight SAR/GMTI Radar

> The ENA-2054 is a lightweight, allweather Synthetic Aperture Radar/ Ground Moving Target Indicator (SAR/GMTI) for Small Tactical UAVs(STUAV), Vertical Take-Off and Landing (VTOL) UAVs, ultra-light reconnaissance aircraft, tactical aerostats, and other compact airborne platforms.

Exceptional performance with low SWaP (Size, Weight, and Power) parameters, the SAR/GMTI radar provides a highly effective solution for air-to-surface ISTAR applications.







Airborne ISR

Features

- · Onboard processing of SAR images
- Requires low downlink data rate
- Real-time SAR imagery
- Wide Area Search (WAS) by Strip SAR capable of vehicle target detection
- Very high-resolution Spot SAR for stationary target classification
- · High performance GMTI capabilities
- Persistent surveillance up to 12 miles (20 km)
- Detects and tracks targets of different sizes and velocities
- · Imagery & GMTI advantage

Specifications

- Automatic and computer aided target detection and tracking
- Cross-cueing to/from EO/IR and SIGINT sensors





DescriptionParametersRangesup to 12.4 mi (20 km) (SAR/GMTI modes)SAR Strip area collection rateup to 290 mi²/hour (750 km²/hour)Weight17.6 - 22 lbs (8 - 10 kg)Power< 200 Watt @ 28 Vdc</td>Radar interfacesfast Ethernet (other formats optional)

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