>> ENA-7065VU

ComDart

Compact V/UHF 3D RF Location System

> ComDart (ENA-7065VU) is a compact V/UHF 3D RF location system enabling instantaneous geo-location of hostiles' communication using a single aerial platform. ComDart provides advanced situational awareness and critical real time target information for ground forces operating in complex environments.

Geo-location is achieved through a single, small form factor, vector sensor antenna (VSA). The VSA design is proprietary technology developed solely by ELTA. The antenna's construction enables concurrent measurement of elevation and azimuth from received RF waves. While other technologies require multiple antennas on one or more platforms for geolocation, ComDart delivers instantaneous geo-location from a single antenna, on a single platform.

ComDart is easy to operate and fast to deploy. Once activated, the system instantaneously detects communication transmissions across the VHF and UHF frequencies and the geolocation is displayed on a detailed map on the Operator Control Unit (OCU). With its capability of detecting transmissions instantaneously in both open terrain and dense urban areas, even short burst PTT (Push-to-Talk) transmissions can be identified and accurately located.

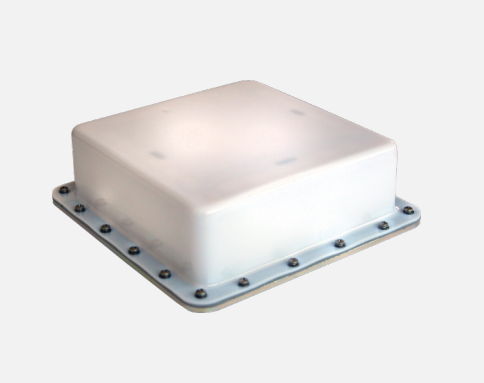
MISSIONS

Airborne ISR

ECM & EW

Features

- Instantaneous geo-location from a single platform, including short burst PTT transmissions
- Advanced proprietary design for vector sensor antenna (VSA)
- Operates in open terrain as well as in dense urban and GNSS denied environments
- Small Form Factor (SFF) and easily fitted on various types of aerial platforms

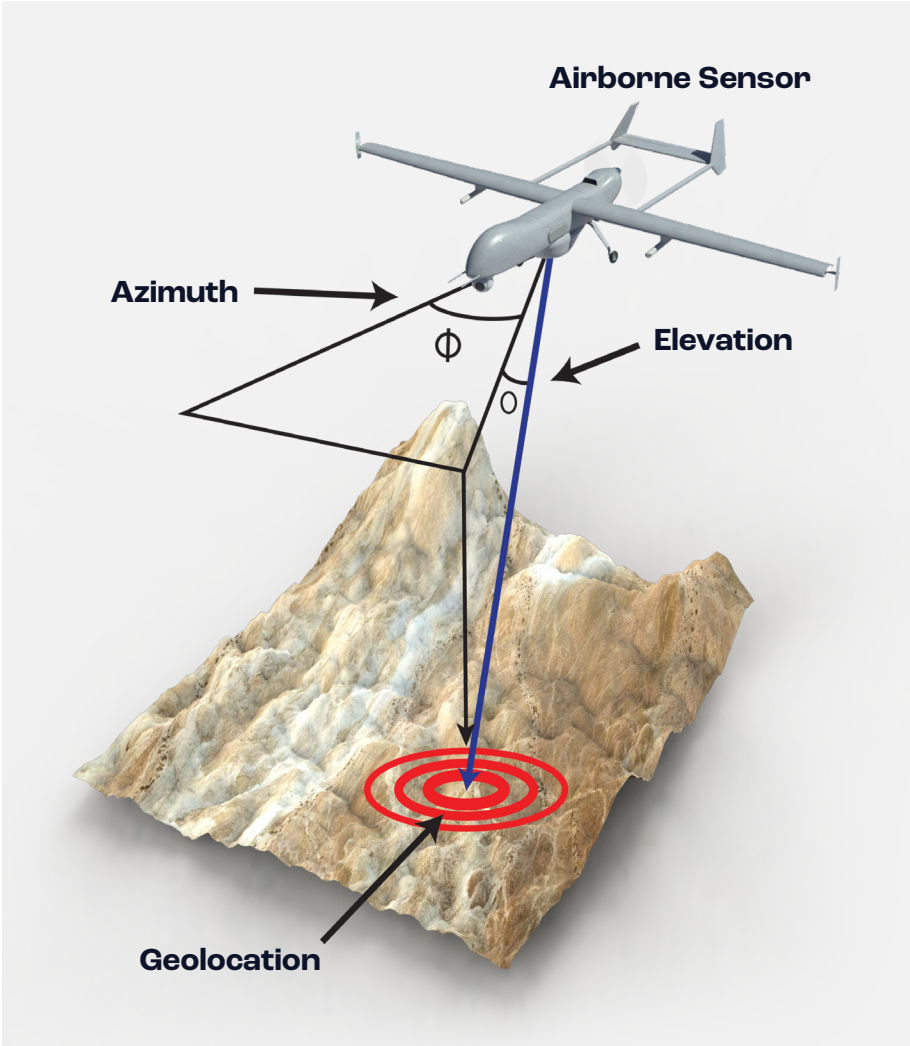


Vector Sensor Antenna

Size: 3.3 x 9.8 x 9.9 in (83 x 248 x 251 mm)

Multi-Channel COMINT Sensor (MCCS)

Size: 3.9 x 6.7 x 10.2 in (100 x 170 x 260 mm)



3D Geolocation

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