



ComDart

Compact V/UHF 3D RF Location System

ELK-7065VU



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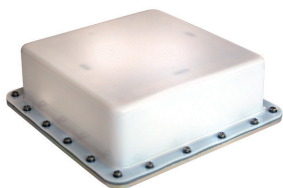
ComDart (ELK-7065VU) is a compact V/UHF, 3D, RF location system that performs instantaneous geo-location of hostile communications using a single aerial platform. ComDart delivers advanced situational awareness and critical real time target information for ground forces operating in complex environments.

Geo-location is achieved through a single unique, small form factor, vector sensor antenna (VSA). The VSA design is based on proprietary technology developed exclusively 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 geo-location, ComDart delivers instantaneous geo-location from a single antenna, on a single platform.

ComDart is easy to operate and deploys quickly deployed. Once activated, the system instantaneously detects communication transmissions across the VHF and UHF frequencies and their geo-location is displayed on a detailed map on the Operator Control Unit (OCU). With its ability to instantaneously detect transmissions in both open terrain and dense urban areas, ComDart identifies and accurately locates even short burst PTT (Push-to-Talk) transmissions.

KEY CHARACTERISTICS

- Instantaneous geo-location from a single platform, including short burst PTT transmissions
- Advanced proprietary design for 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: 83 x 248 x 251 mm



Multi-Channel COMINT Sensor (MCCS)
Size: 100 x 170 x 260 mm

