

EchoGuard

Rapid Deployment Surveillance Radar Kit

High-performance, ultra-low SWaP-C, true ESA surveillance radar for enhanced ground, air, and marine situational awareness



Vehicles
> 3.5 km



Humans
> 2.2 km



Inspire II
> 1.2 km



Phantom 4
> 900 m



OVERVIEW

Fully-equipped, truly man-portable radar field kit with all of the performance advantages of an ESA radar but in a low-cost, compact, lightweight, solid-state format. Designed for field use, the kit contains all elements necessary to rapidly setup and conduct surveillance of large swaths of ground and airspace. Intuitive touch-screen user interface on rugged hardware with wired or wireless communications enables the forward operator to easily configure for mission parameters and detect, track, and interrogate multiple simultaneous air, land and marine objects of interest with precise geolocation and target metadata.

CONTACT

info@echodyne.com
+1.425.454.3246

Copyright © 2019 Echodyne Corp

EchoGuard

Rapid Deployment Surveillance Radar Kit

The entire RDK fits in a Pelican 1620 case, can be set up and running in less than 5 minutes, and is extremely easy to operate in typical field locations. For extended patrol missions, the RDK is designed to fit in a backpack (<20 lbs with essential components). For situations requiring 360° situational awareness complex distributed perimeters, multiple radars can be networked and controlled from the central UI application.

RDK includes:

- EchoGuard Surveillance Radar
- EchoGuard UI software license
- Panasonic Toughbook 33 2-in-1 Tablet/PC with keyboard, hands strap and adapter
- Radar mounting bracket with red dot aiming site and dust cover
- Compact tripod with pan/tilt head and quick release for rapid & precise positioning
- Magnetic radome cover
- Wired connectivity kit with 2x 50" CAT6 outdoor cables & IP67 connectors
- Wireless connectivity kit (Cradlepoint WiFi/Cellular router) optional
- Battery kit (2x BB-2590 7.5 Ah Li-Ion batteries, charging accessories, cabling and molle deployment pouch)
- 24v AC/DC adapter (AC power option)
- Pelican 1620



Order Model Number: 700-0017-001

CONTACT

info@echodyne.com
+1.425.454.3246

Copyright © 2019 Echodyne Corp