

ECHODYNE

ECHOGARD 4 UP RADAR CONFIGURATION

4D Perimeter Security. Conter-UAS Delivered.

The best compact radar for mission-critical detection, tracking, classification, identification, and targeting needs. International version available with CE, RoHS 3 compliance.

The leading 4D radar for high performance ground and air surveillance of defense, government, and critical infrastructure assets.

PERFORMANCE

- | | |
|----------------------|---------------------------------------|
| • Instrumented Range | 6 km |
| • Range (sUAV) | >1km (Phantom 4) >1.4km (Matrice 600) |
| • Range (vehicle) | >3.5km |
| • Range (human) | >2.2km |
| • Field of view | 120° azimuth x 80° elevation |
| • Angular resolution | 2° azimuth x 6° elevation |

SEARCH WHILE TRACK

- | | |
|--------------------------|--|
| • Scan volume | User configurable |
| • Search update rate | ~1Hz for 120° az x 60° el volume |
| • Track acquisition rate | New tracks acquired <1 sec |
| • Search While Track | Tracks updated up to 10 Hz while radar intelligently scans rest of FOV |
| • Max tracks | Up to 20 simultaneous tracks |
| • Modes | Operational modes enable quick simple tracking of humans & UAVs |



KEY FEATURES

- Long-Range Day/Night PTZ Camera System
- 2MP, 4MP, 5MP or 8MP High-Resolution CMOS Sensor
- HD Lens with 30X, 32X, 36X, 38X or 49X Optical Zoom
- Optical Field of View Options ranging from 36° to 1.2°
- ZLID™ for up to 2km Night Vision in Complete Darkness
- LWIR Thermal Imaging for Long-Range Detection up to 3km*
- Integrated Heater for Operation in -30°C to +60°C
- Wiper and Rugged IP66 Weatherproof Housing
- High Resolution Pan/Tilt for Smooth Operation
- Pelco-D and RS485 Control
- Integrated Optical Fog Filter on select models



AL2 LIFT SERIES FAST MECHANICAL LIFT SYSTEM

SPECIFICATIONS

Part Number	200H-W-L205-BSM-000
Mast System Height	16.5 ft. / 5 m
Payload Capacity	65 lbs. / 29 kg
Wind Loading	70 mph / 113 km/h
Deployment Time	10 minutes, 2 people
Testing	MIL-STD-810G
Guying	Primary Only



2 IN. LIFT TRIPOD



FAST MECHANICAL LIFT SYSTEM



TELESCOPING TRIPOD LEGS



CAM LOCK SYSTEM

NEED MORE HELP?
CONTACT BLUESKY MAST

Finding the right mast system for your application can be a challenge. Our sales team is ready to help you make sense of it all.

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