



EchoGuard CR[®]

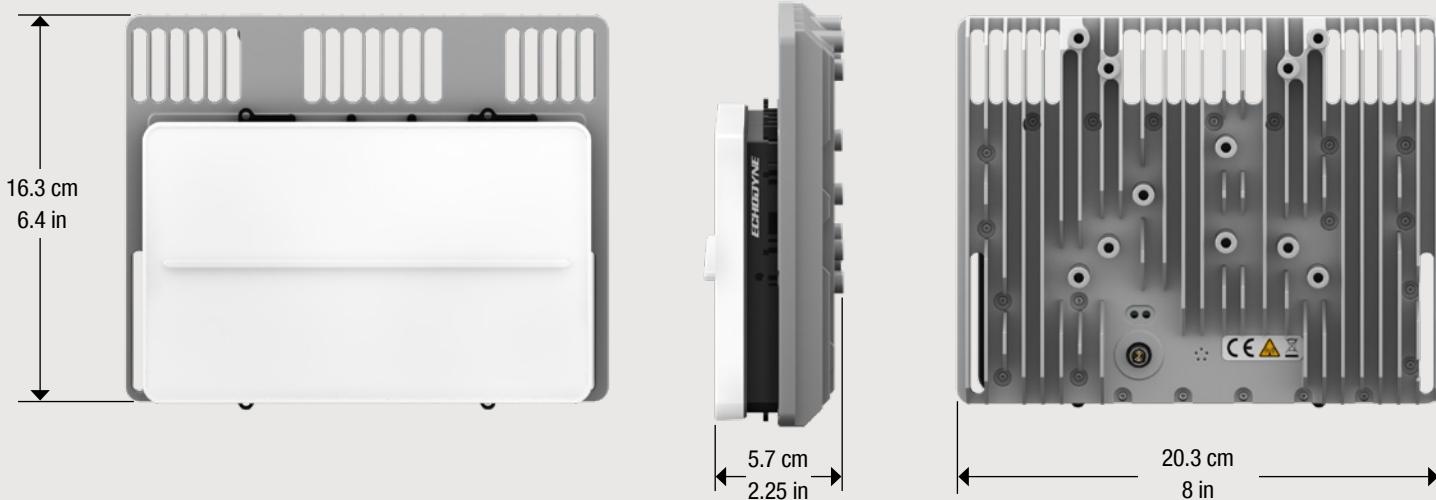
4D MESA[®] Radar for Close Range Surveillance

Guard Every Perimeter
Ground and Air
Accurate and Reliable

Built for Semi-Urban, Urban, and Close-Range Environments.

RADAR PERFORMANCE	SWaP & ENVIRONMENTAL	INTEGRATION & DATA
Frequency K-band 24.45 – 24.65 GHz	Size 16.3 cm x 20.3 cm x 5.7 cm	Control I/O Gigabit Ethernet
Field of View 120° azimuth x 80° elevation	Weight 1.25 kg	Power I/O Snap Lock 12 Pin Connector
Track Accuracy < 1° azimuth x < 1.5° elevation	Power + 12 to + 30 VDC Comp w/ PoE+, Class 4 Ext. < 24 W (Operating) < 10 W (Hot standby)	Data Output R/V Maps: 40 MBps Detections: 1 MBps Measurements: 1 MBps Tracks: 25 KBps
Track Update Rate 10 Hz	Operating Temp - 40° C to + 75° C	Mounting VESA 75 & 100 mm
Max Tracks Up to 20 Simultaneous Tracks	Weather Protection IP67	
Instrumented Range 1.2 km		
Range sUAV: > 225 m (Phantom 4) > 350 m (Matrice 600) Vehicle: > 900 m Human: > 500 m		

RADAR DIMENSIONS



ORDERING DETAILS

FCC ID: 2ANLB-MESASSR00053

WHITE 700-0005-203-110

Software & Support

SOFTWARE UPDATES

Continuous Improvement from Software-Defined Radar

- Includes All Major and Minor Releases
- Improve Radar Operations
- Enhanced Classification
- Radar Data Visualization Tools
- Radar Support Tools

TECHNICAL SUPPORT

Priority Access to Radar Support

- Review and Training Sessions
- Systems Integration
- Troubleshooting
- Performance Review
- Planning



PRIORITY TECHNICAL SUPPORT

Priority queuing via company match when using support@echodyne.com.



CUSTOMER PORTAL

24/7 access to all tools, manuals, and materials.



PERFORMANCE ENHANCEMENT

Continuous improvements through software development.



USER COMMUNITY

Submit requests for features and functionality.