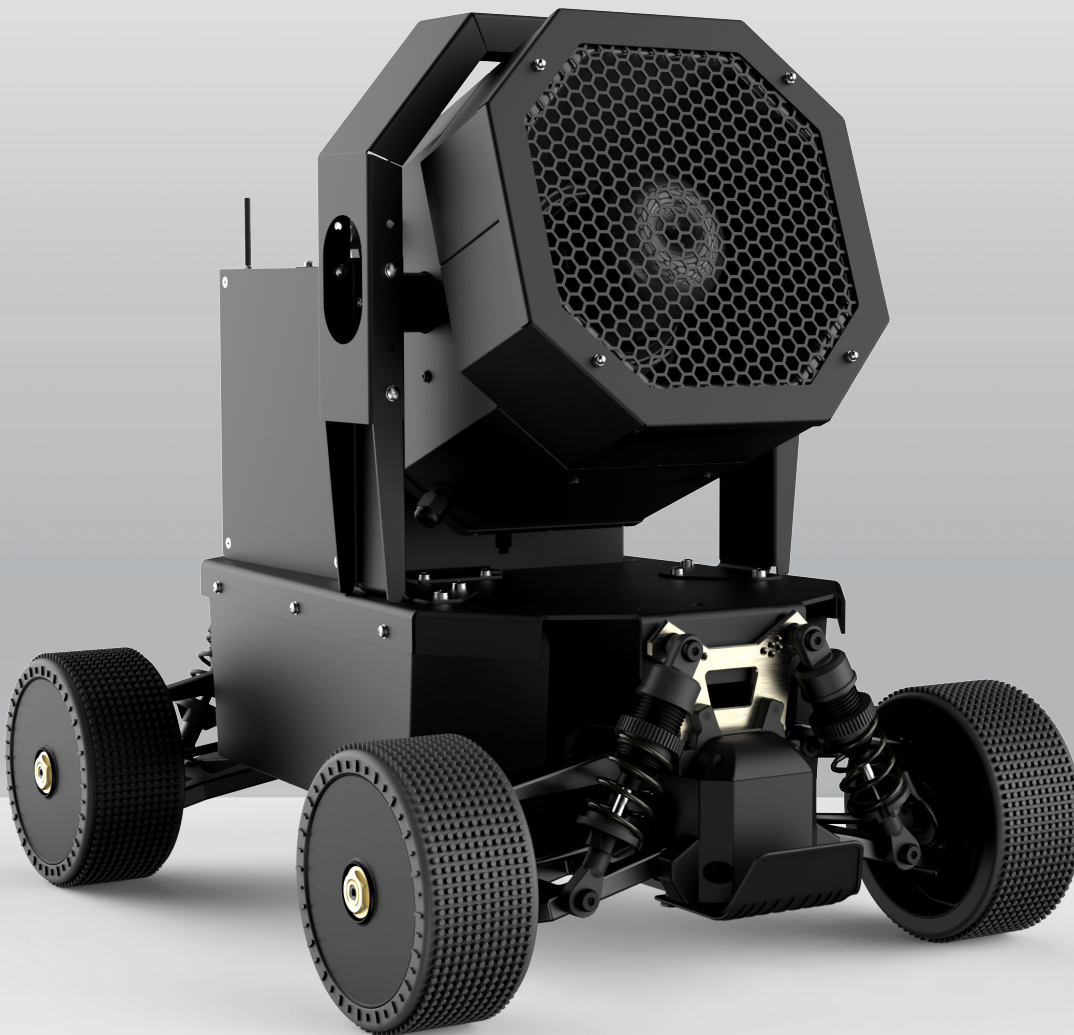


VOLACOM GUARDIAN

Tactical Acoustic Unmanned Ground Vehicle (UGV)



MISSION WITHOUT HUMAN RISK

LONG - RANGE REMOTE CONTROL 

ALL - TERRAIN 4X4 MOBILITY 

DIRECTIONAL ACOUSTIC SYSTEM 

THERMAL IMAGING 

REAL - TIME VIDEO 

INTRODUCTION

ACOM GUARDIAN is a high-speed unmanned ground vehicle (UGV) developed for tactical operations, public safety, border security and critical infrastructure protection.

Built on a rugged all-terrain 4x4 chassis, the system combines exceptional mobility with long-range remote control, directional acoustic broadcasting and thermal imaging. Its modular architecture enables rapid integration of mission-specific payloads while keeping operators at a safe stand-off distance.

Designed for day and night operations, ACOM GUARDIAN delivers reliable performance in demanding operational environments where speed, precision and situational awareness are essential.

KEY CAPABILITIES

- High-speed all-terrain 4x4 mobility
- Long-range remote control
- Directional acoustic broadcasting
- Integrated thermal imaging
- HD real-time video transmission
- Modular payload architecture
- Lightweight high-strength aluminum chassis

APPLICATIONS

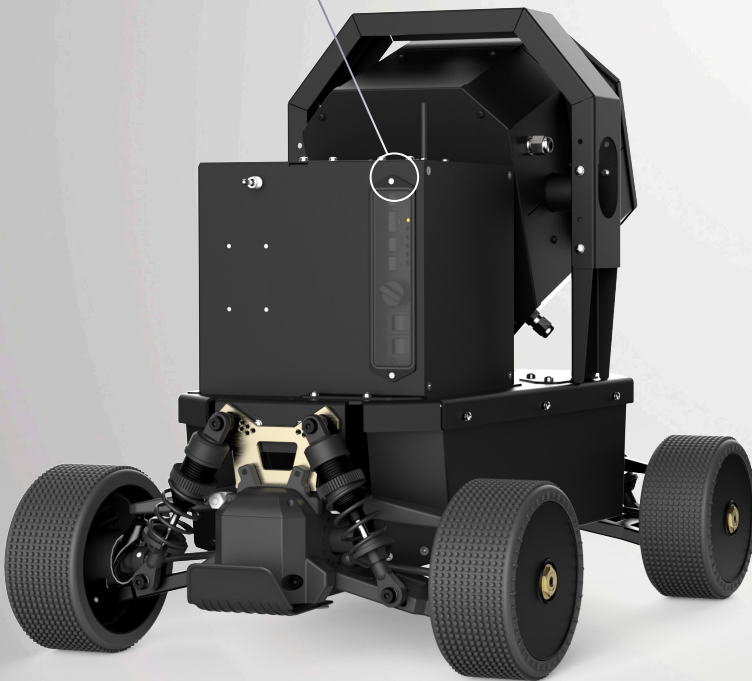
- Military operations
- Border security
- Public safety
- Law enforcement
- Counter-terror operations
- Critical infrastructure protection
- Event security
- Emergency Response
- Crowd management
- Bird Deterrence
- Foreign object detection (FOD)

TECHNICAL SPECIFICATIONS

Maximum Speed	Up to 120 km/h
Drive System	Full-time 4WD Shaft Driven
Remote Control	Long-range Twin 2.4 GHz
Acoustic System	Directional Horn Array - 145 dB SPL
Thermal Camera	Integrated
Video Transmission	HD Real-Time Video
Operational Payload	Directional Acoustic System + Thermal Imaging Module
Chassis Material	7075 Anodized Aluminum Alloy
Dimensions	780 × 480 × 551mm
Weight	33 kg



Control module



Acoustic module



CONTACTS:



VOLACOM JSC

Sofia-Bozhurishte Industrial Park | 6 Valeri Petrov Str.

GPS coordinates: 42.748616 | 23.209801



info@acom-bg.com

VOLACOM and the VOLACOM logo are registered trademarks of ACOM Ltd. in many countries, including the EU and United States. | The used images are illustrative only.
Subject to change without notice. | Printed in Bulgaria.
All rights reserved. | Design and content by VOLACOM JSC

VOLACOM GUARDIAN Brochure | First Edition, Revision 01 | August 2026.



www.volacom.com