

## STRATUM GROUND SYSTEMS

# VARAN™

## MODULAR AUTONOMOUS PLATFORM FOR CONTESTED ENVIRONMENTS

VARAN™ is a next-generation autonomous ground system engineered for multi-domain operations across contested, degraded & denied environments.

Designed around a payload-agnostic mission architecture, the platform enables rapid reconfiguration between ISR, logistics, counter-UAS, force protection, electronic warfare, route-clearance & autonomous support missions from a common robotic chassis.

**VISIONWAVE**

ADVANCED AI | RADAR | AUTONOMY | ISR | NETWORKED DEFENCE



## KEY CAPABILITIES:

- Autonomous waypoint navigation
- Terrain-aware route planning
- Obstacle avoidance
- Remote and semi-autonomous operation
- External tactical command integration
- Swarm autonomy
- Distributed battlefield sensing
- Autonomous convoy operations
- Human-operated, remote & autonomous modes
- Field-serviceable

## TECHNICAL CHARACTERISTICS:

- Payload Capacity: 500kg
- Towing Capacity: 1,000kg+
- Maximum Speed: 70kmph [45mph]
- Mission Time: 4 hrs cont. [extendable upto 28hrs]
- Gradient: 60%. Side Slope Capability: 40%
- Dims [LWH]: 265x145xADJcm [105"x57"xADJ]



## MISSION ROLES:

- |                      |                              |
|----------------------|------------------------------|
| • ISR                | • CUAS                       |
| • Counter-UAS        | • UCV                        |
| • CASEVAC            | • Route clearance            |
| • Tactical logistics | • Electronic warfare support |
| • ISTAR              | • Forward observation        |
| • AD                 | • Force protection           |