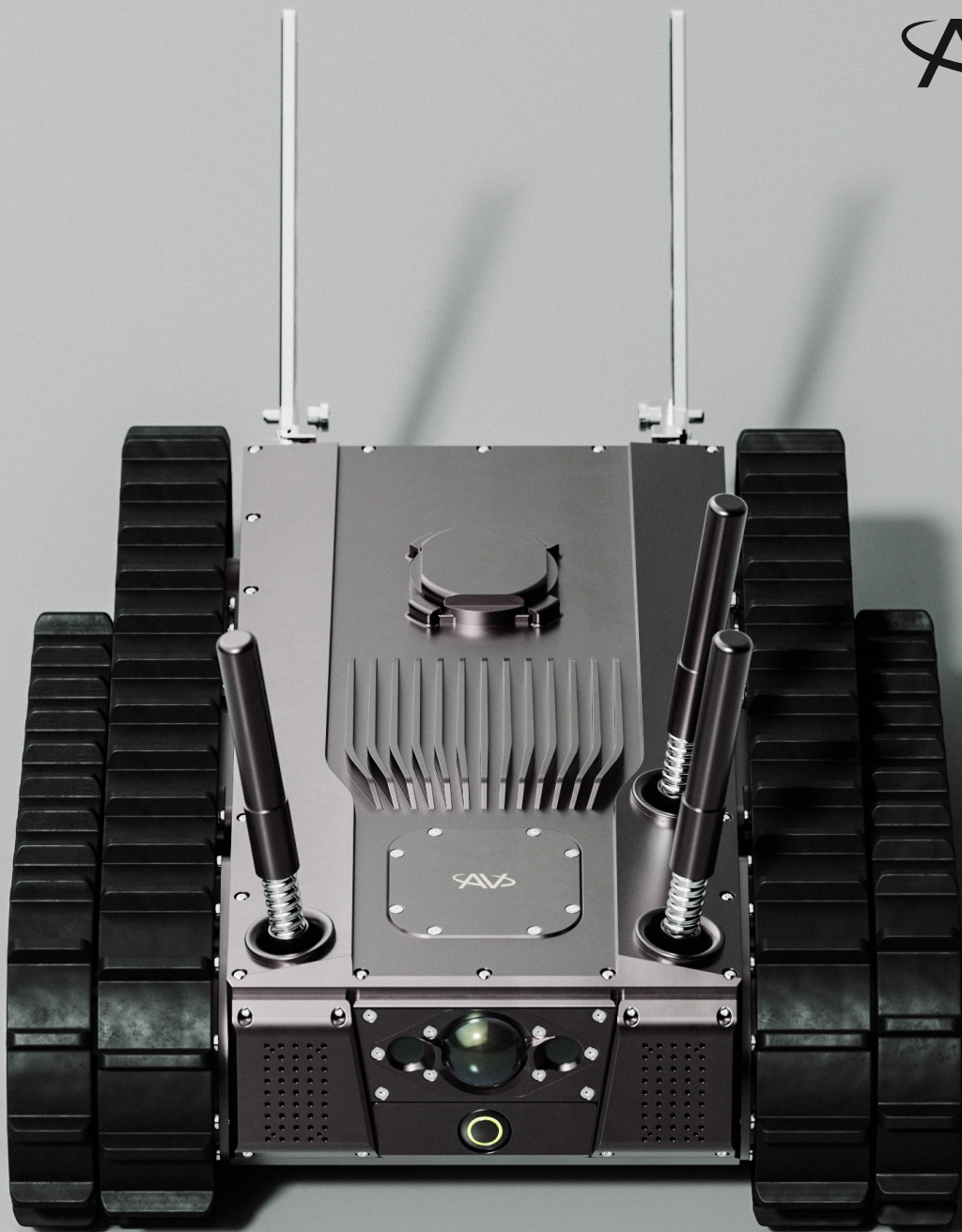


TOM™ 50 RE



TOM™ 50 RE is a compact, backpackable unmanned ground vehicle designed to deliver immediate robotic capability to highly mobile units operating in complex and contested environments. Weighing less than 10 kilograms, the system can be carried and deployed by a single operator, enabling rapid response in confined urban terrain, interior spaces, and GPS-denied environments. Its tracked mobility and stair-climbing flipper system allow it to navigate uneven terrain and multi-level structures, while optional SLAM technology autonomously generates detailed interior maps for improved situational awareness and post-mission intelligence. With up to six hours of endurance and support for payloads up to five kilograms, TOM 50 RE integrates advanced camera systems, disruptors, and mission-specific attachments through Telerob's Universal Control Interface and Modular Mission Interface. Integrated 360-degree infrared cameras and secure IP-mesh communications further enhance operator awareness and connectivity, enabling safer and more informed decision-making at the tactical edge.

Greatness Was Never About Size

TOM™ 50 RE

_Distinctions



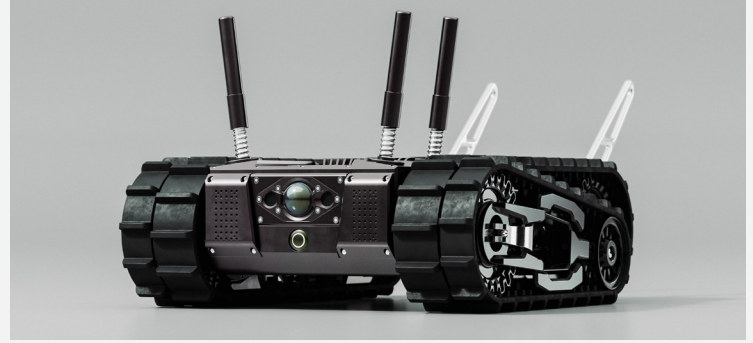
TOOL EXCHANGE
Mission Configurable



MISSION DURATION
Up to 6 hrs

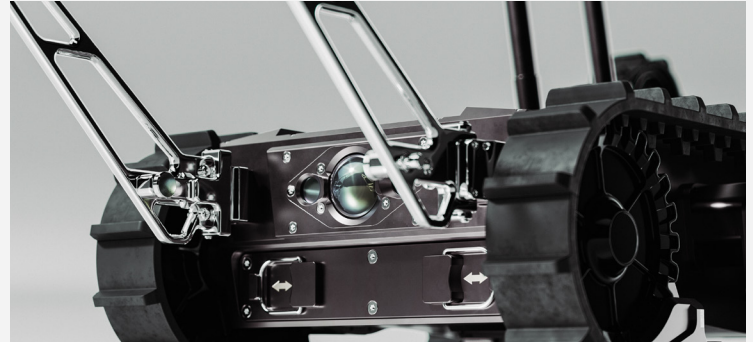


CLIMB STAIRS AND SLOPES
45°



_Specifications

PAYLOAD CAPACITY	11 lbs (5 kg)
SPEED	3.7 mph (6 km/h)
DIMENSIONS	w/o Flippers 16.5 in x 10.6 in x 5.2 in (420 mm x 270 mm x 133 mm) w/ Flippers 16.5 in x 13.3 in x 5.2 in (420 mm x 337 mm x 133 mm)
WEIGHT	w/o Batteries and Flippers: 15.4 lbs (7 kg) w/ 2x Batteries and Flippers: < 22 lbs (< 10 kg)
DRIVE MECHANISM	Track running gear with two removable flippers
FUNCTIONALITY	w/o Flippers Obstacle height: 5.5 in (140 mm) Gap width: 7.9 in (200 mm) w/ Flippers Obstacle height: 11.8 in (300 mm) Gap width: 15.7 in (400 mm)



[INTERCHANGEABLE ACCESSORIES]



CAMERAS



FIRING SYSTEMS



TOOLS



MAPPING MODULES

[MISSION VARIANTS]



MOBILE EXPLORATION
Mobile recon



MISSION-ACCOMPANYING RECON
Live mapping



DEFUSING
Threat neutralization



SUPPORT
Force multiplier

_Key Features

- > Backpackable design for rapid deployment
- > Four 4K wide-angle cameras for full situational awareness
- > Integrated two-way audio for remote communication
- > Secure IP-mesh communications with mobile repeater capability to extend network range
- > Compliant with AECTP500
- > Weighs less than 10 kg for true single operator transport

ROBO COMMAND & TOMAHAWK GCS

Interoperable controller, radio and communications— reducing operation, training and logistics

