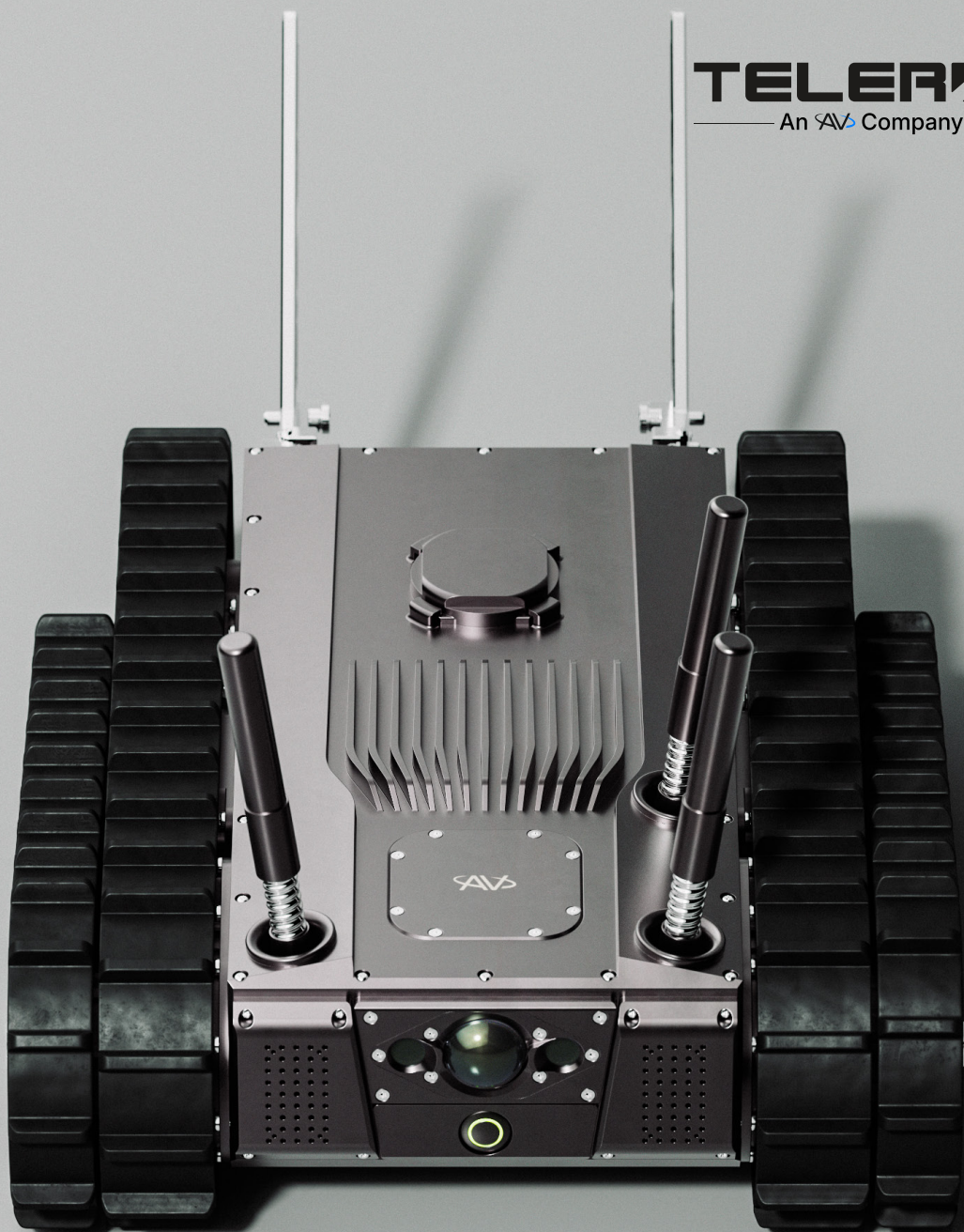


TOM™ 50 RE

TELEROB
— An AVB Company —



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 8 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 Component 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.

_Distinctions

		
TOOL EXCHANGE Mission Configurable	MISSION DURATION Up to 6 hrs	CLIMB STAIRS AND SLOPES 45°

_Specifications

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

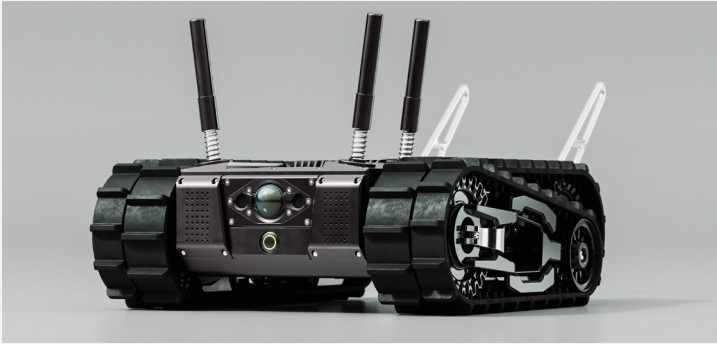
[INTERCHANGEABLE ACCESSORIES]

			
CAMERAS	FIRING SYSTEMS	TOOLS	MAPPING MODULES

[MISSION VARIANTS]

			
MOBILE EXPLORATION Mobile recon	MISSION-ACCOMPANYING RECON Live mapping	DEFUSING Threat neutralization	SUPPORT Force multiplier

Technical data ±5% tolerance



_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 8 kg for true single operator transport

ROBO COMMAND & TOMAHAWK GCS

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