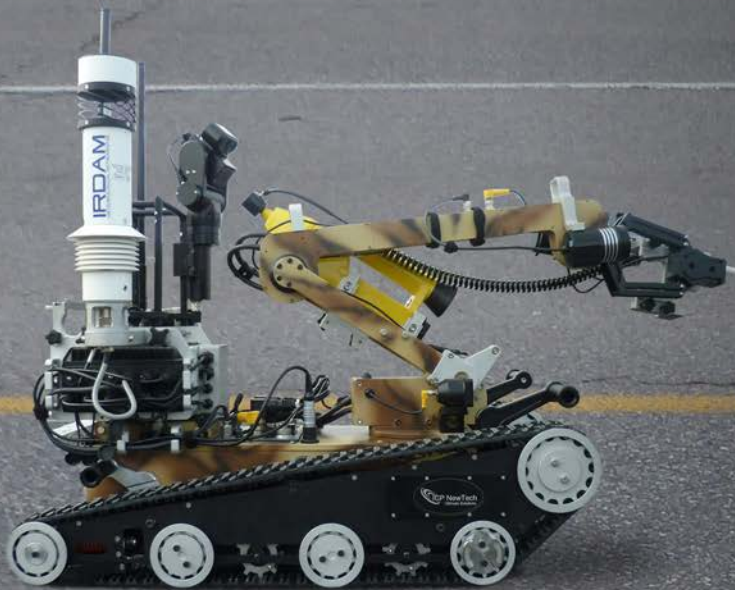




MED-ENG®

A BRAND OF THE SAFARILAND GROUP

REMOTELY OPERATED VEHICLE **DIGITAL VANGUARD™**



Digital Vanguard with the ROVISS Integrated Sensor Suite system.



Versatile Robot for EOD/IEDD, CBRNe and Hazardous Tasks

The Digital Vanguard is a highly capable and versatile mid-sized robot that performs a critical range of law enforcement and military EOD/IEDD, CBRNe and other hazardous functions.

The Digital Vanguard was recently upgraded with a new drive assembly that doubles the robot's speed to 3.6 km/h. The new drive assembly provides operators with improved mobility, reliability and performance.

The modular construction and advanced electronic design of the Digital Vanguard make maintenance and support in the field simple and inexpensive. This improves the life cycle of the system, while reducing training and upkeep time.

The Digital Vanguard also delivers the ROVISS Integrated Sensor Suite system. ROVISS provides a powerful CBRNe capability to manage high risk situations by concurrently deploying multiple sensors to detect hazardous threats, including:

- Explosives
- Radiation
- Chemical and Biological Agents
- Toxic Industrial Chemicals (TICs)
- Toxic Industrial Materials (TIMs)
- Meteorological data

DIGITAL VANGUARD™ ROV

ROVISS CAPABILITIES & HAZARD PREDICTION

The ROVISS platform enables EOD teams to remotely manage CBRNe threats through the use of multiple sensors. The data from all sensors is fused into the on-board computer then transmitted to the Command Post either wirelessly or by cable. All sensor information is shown on the X500 Command Console to provide a clean and effective display and management tool.

The ROVISS platform uses Bruhn Newtech SCIM Hazardous prediction and CBRNe Frontline software for accurate mapping and plume prediction in real time. This can reduce risks to team members and the public.

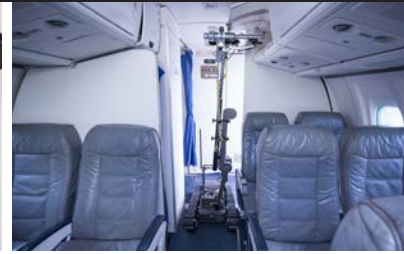
ACCESSORIES FOR MISSION SUCCESS

The Digital Vanguard can quickly and easily be fitted with EOD tools such as disruptors and X-Ray equipment. For extra reach into areas such as an aircraft's overhead storage compartment, the optional Telescopic Arm can be added. For additional capabilities such as grasping and cutting, the optional ROV EOD Multi-Tool Kit offers an array of very useful components for dealing with challenging threats such as suicide vests.



Optional ROV EOD Multi-Tool Kit

Digital Vanguard shown in stowed position with X500 Command Console, Batteries & Battery Charger, Hand Control, Command Cable.



PRIMARY FEATURES

The Digital Vanguard™ ROV offers numerous capabilities:

- Easy operation using the X500 Command Console and joystick
- Low profile to reach under vehicles
- Capabilities to access objects from an aircraft overhead storage, with up to 7 degrees of freedom (DOF)
- Ability to ascend and descend stairs, and traverse difficult terrain
- Substantial lifting capacity: up to 8 kg (17 lb) when extended and 20 kg (44 lb) when retracted.
- Extended mission duration
- Wide tracks and anti-flip mount for stability
- Independent tool circuits
- Cameras: 3 fixed, 1 interchangeable infra-red camera and 1 disruptor camera
- Two-man portable, modular design
- Ethernet Connection for ROVISS sensors