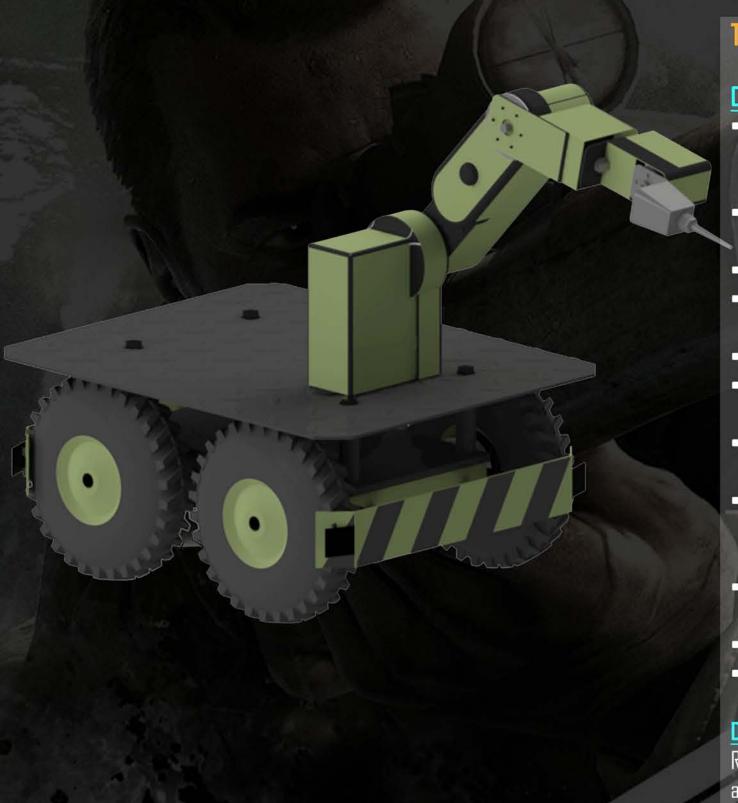
groundZERO Bomb Disposal IED Robot

This is a fully functional bomb disposl/IED Robot which can be operated remotely from a safe distance and can be used to deactive the bomb or any hazardous object by minizingthe risk of human life. The robot is explosion proof and can handle small explosions without affecting the performance. It comes pre installed with color and thermal camera modules which relay the images to the remote locations and help the operator to control the operations safely. It also has gas/fumes sensor which notifies the user about hazardous environment.



Technical Specifications

Chasis Specification:

- Electronics & Sensors On-board computer with overheat protection, compass, accelerometer, inclinometer, Radiacsensor kit, x-ray
- Height 40 cm with manipulator in stowed position
 200 cm with manipulator fully extended
- ■Width 50 cm
- Length 100 cm with flippers stowed 120 cm with flippers extended
- Weight 70 kg including batteries
- Drive System Rugged 4 Wheel Drive with inflated wheel or Track Based
- Mobility 6 km/h max speed, Slope-45 degree, stair climbing -yes, water depth -4 inch, All weather
- Communications Digital 2.4GHz, 2 Way Audio Communication, Headphone with microphone, encrypted communication
- Power Batteriesand Battery Chargers, Runtime 6 hours
- Camera Digital (10x) and Optical (36x)
- ■Payload 50 kg

Drive System :

Rugged 4 wheel drive with inflated wheels for all terrain manoeuvring.

System specifications:

- -Rugged 15" Laptop OCU
- 2.4 GHz radio link
- Manipulator
- 2 way audio communication
- Dismounted firing circuit
- Headphone w/ microphone
- •Batteries and Battery Charger
- Multi Sensor Kit
- Sleve packs
- -Radiac sensor kit
- Dual accessory port payload adaptor
- Rugged , sealed hardened case
- •Users manual & user documentation
- gridCONTROL software license

