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Dominator II from NEX Robotics is a high-performance ROV (Remotely Operated Vehicle) designed for extreme environments. This platform is currently being used by elite armed forces. The 45Kg platform is powered by compact twin drive trains with output of 1.5HP per motor and top speed of 5Km/Hr. It can carry 60Kgs of additional mission specific payload in its modular cargo bays. This provides the ROV with excellent maneuverability on all types of surfaces. Dominator II is being used in extreme environmental conditions ranging from ice covered high altitude mountains to high temperature sandy deserts. This is made possible with IP67 level environmental protection standard.

This ROV has highly modular architecture with weapon mounts for Light machine gun, grenade launcher, 6 Axis robotic arm for improvised explosive device (IED) disposal and multi-spectrum camera pod with zoom up to 60X with optical image stabilization. It has secure digital wireless link for communication up to 30Km for Line of Sight (LoS) communication or a dedicated Satellite Link for non LOS communication. It is controlled by an ergonomically designed rugged IP67 standard remote control with video display and capability to participate in network centric warfare. ROV is equipped with GPS, environmental and other tactical sensor packs suitable for different types of mission profiles. It is designed for carrying missions such as IED disposal, road opening, hazardous material handling, anti personal operations and Medevac for wounded personnel from the conflict zone.

Features:

- Rugged waterproof design
- 60Kg platform with 150Kgs payload capability
- 3 Hp drive power
- Weapon mounts for Light machine gun, grenade launcher, Sniper rifle etc.
- 6Axis robotic arm for improvised explosive device (IED) disposal
- Multi-spectrum camera pod with zoom up to 60X with hardware image stabilization
- Secure digital wireless link for communication up to 30Km for Line of Sight (LoS) communication
- Ergonomically designed rugged IP67 standard remote control with video display and capability to participate in network centric warfare.
- Equipped with GPS, environmental and other tactical sensor packs suitable for different types of mission profiles
- Designed for carrying missions such as IED disposal, road opening, Hazardous material handling, anti personal operations and Medevac for wounded personnel from the conflict zone.

Applications:

- IED disposal
- Road opening
- Hazardous material handling
- Counter terrorist operations
- Surveillance
- Perimeter defense
- Medevac for wounded personnel from the conflict zone.

Dimensions:

- 68 x 65 x 21 cm; 45Kg
- 90 x 70 x 25 cm; 65Kg
- 130 x 90 x 35 cm; 90Kg
- 180 x 150 x 55cm; 190Kg

Vehicle Performance:

- Endurance: 1 hour to 36 hours
- Speed: 2.5 Km/hr to 25Km/hr
- Slope Negotiation: 45°