MED·ENG®

A BRAND OF THE SAFARILAND GROUP

REMOTELY OPERATED VEHICLE
DEFENDER

Robust Robot for Hazardous Tasks

The Defender represents the next generation of large scale Remotely Operated Vehicles (ROVs). It is specifically designed to deal with evolving threats of hazardous situations while retaining the core capabilities of large ordnance disposal.

The Defender is a strong, robust, versatile, proven safe, and reliable system. It integrates seamlessly with a range of other specialized mission essential equipment and accessories to expand its capabilities. Its modularity allows for field reconfiguration as well as simple maintenance.

The Defender is designed to offer optimum response to EOD/IED, VBIED, HAZMAT, CBRNE, Tactical operations and future evolving threats. The Defender extends the range of security functions with ultrasensitive hazardous material identification sensors, minimizing the risk to response personnel.

FEATURES

- Innovative design with titanium construction for a low weight to power ratio and the ability to safely lift heavy objects with ease
- Encrypted wireless control
- Onboard GPS location equipment for precise compass orientation
- Multiple cameras including a PTZ colour camera with 360° continuous pan
- Remote RF Relay Station
- Environmentally sealed (IP55) with repeated Chem-Bio washdown capability
- Rotating turret; hydraulic arm and claw assembly with high vertical reach; and secure remote circuit system with 4+2 terminal layout
- Independent 6 wheel drive using all-terrain tires with electromechanical brakes on centre axle
- Ascends / descends stairs

X500 COMMAND CONSOLE

The X500 controls all robot functions, arm and claw positioning, and cameras.
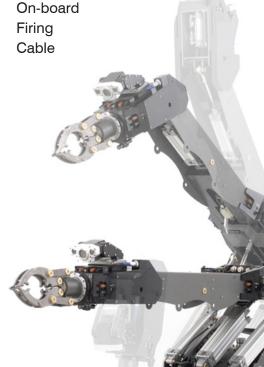- Graphic User Interface (GUI) can be set to most languages
- Ability to have the operator manuals display in native languages
- Easy to learn controls, requires minimal follow-on training
- Lightweight and small footprint for easy portability
- Sunlight Readable Quadra Clear® display, 39.6cm (15.6") full HD 1080p (1920x1080) 800 NITs widescreen display
- IP65 and meets MIL-STD 810G, MIL-STD-461F standards
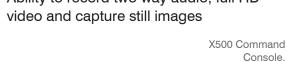- Ability to record two way audio, full HD video and capture still images

X500 Command Console.

DEFENDER OPTIONAL ACCESSORIES

Several optional components are available to meet specific operational needs:
- Grab Claw Extension
- X-Ray Frame(s)
- Sensor Integration
- Shotgun Mount
- Numerous Disruptor Mounts
- Window Breaker
- On-board Firing Cable

For complete Product Specifications please contact your authorized Med-Eng representative.
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