

# Disaster Deployment Kit

## The All-in-one Search and Rescue Toolbox



The Savox Disaster Deployment Kit is a real all-in-one search and rescue toolbox for professional search and rescue teams. It provides tools for visual victim search and locating, as well as life detection by means of seismic and acoustic sensors. With this kit you will stand prepared for the victim search, detection, and locating tasks.

**You can check Disaster Deployment Kit [WATCH THE VIDEO](#) .**

The kit has been specifically configured for easy procurement, deployment, and storage in mind. It's a perfect choice for urban search and rescue teams, enhanced rescue squads, regional task forces, FEMA and SUSAR teams who are seeking the highest quality, easy to use, cost effective, all-in-one technical search system for their standard equipment cache. The Disaster Deployment Kit comes complete in a single storage case and is designed to be both easily transportable and rapidly deployable anywhere disaster strikes.

The kit includes the full six-sensor Delsar® LifeDetector® System that provides seismic detection of victims, and the high-end SearchCam 3000. SearchCam comes with the long tube set and the extension tube that allow for reach of up to 223 inches (566 cm). Alternatively, the camera can be used without the tube set, and lowered to a cavity using the supplied rope accessory kit. The camera head is watertight up to



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75 feet (23 m) depth. Delsar Victim Simulator is included for efficient training of the LifeDetector®

The equipment contained in the Disaster Deployment Kit™ is cross compatible with other members of the Savox Rescue Solutions family: SearchCam Recon III™, and Delsar® Mini LifeDetector®. Batteries and chargers are completely interchangeable to streamline the logistics and battery management during full training and deployments.

## Key Benefits

- Field proven high-end ruggedized video camera
- ClearSearch display, high readability in sunlight
- Benefits of colour and IR cameras
- Modular structure, interchangeable tube set
- Up to 223-inch (566 cm) reach with the included tube set
- Waterproof up to 75 feet (23 m)
- Two-way victim communication in the camera
- Seismic sensor system for victim detecting and locating
- High resolution 6 sensor seismic system
- Easy-to-read display shows all channels simultaneously
- Cost effective kit
- Comes in single heavy-duty storage case
- Easy to store
- Rapid to deploy
- Single battery standard used in the kit

## Technical Information

### SearchCam 3000

- CAMERA: video - Colour, IR
- INTERCHANGEABLE CAMERA HEADS: YES - Colour, IR
- PROBE ARTICULATION: Motor driven, pistol grip controls
- ILLUMINATION: 16 element high-output white LED array with multiple levels
- DISPLAY MONITOR: 5.75" ClearSearch trans-reflective LCD screen
- AUXILIARY VIDEO OUTPUT: YES
- VICTIM COMMUNICATION: Two way - located at the camera probe
- OPERATOR HEADSET: Noise attenuating boom microphone, under helmet style



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- SYSTEM LENGTH: Telescopes from 41" to 92" (104.3 cm to 234 cm)
- MAXIMUM REACH: 223" (556 cm) with the supplied extension tube kit
- SYSTEM WEIGHT: 8.8lbs (4 kg) including batteries
- CAMERA HOUSING DIAMETER: 1.85"
- MINIMUM ACCESS DIAMETER: 1.85"
- FIELD OF VIEW: 280°
- ARTICULATION TRAVEL: 240° total - right to left
- VIEWING DISTANCE: 20' (6 m) in total darkness
- BATTERY: XtraCharge Blue Lithium-ion Battery Stick
- OPERATIONAL TEMPERATURE: 14° to 140° F (-10° to 60° C)
- RECOMMENDED STORAGE TEMP: 0° - 80 ° F (4° - 26° C)
- WATER/DUST: IP68, 75" (23 m) Submersible camera head

## **Delsar® LifeDetector® System**

### **Control Console**

- Sensor inputs: 2 strings
- Seismic sensor: 6, included
- Acoustic sensor: 1 included, the second optional
- Visual display: All six sensors simultaneously
- Audio output: 2 headphone outputs
- Sensor signal selection: 0-6 sensors, audio response is summed, stereo output can be selected with any 2 sensors
- Frequency range: 1 Hz - 3000 Hz
- Filter range, low: high pass, 100 Hz
- Filter range, AC: Notch 50/60 Hz
- Filter range, high: low pass, 600 Hz
- Record capacity: 300 second loop, indexed to 15 second blocks
- Auxiliary output: Provides audio, chart recorder and remote control function capability
- Battery type: XtraCharge Blue Lithium-ion Battery Stick
- Battery endurance: 2 - 6 hours depending on number of sensors
- Battery recharge time: 3 hours
- Charger pwr: 12 VDC (vehicle charging) 110-220 VAC
- Batt. options: Disposable Lithium cells (CR123) with adapter Searchcam 2.5 Ah/5 Ah SLA belt pack with adapter cable



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- Dimensions: 6"W x 5"H x 3.25"D (152 mm x 127mm x 83 mm)
- Weight: 2.2 lbs (1Kg) with rechargeable battery

## **Seismic sensor**

- Position sensitivity: Can be used in any orientation
- Sealing: IP67 (water and dust tight)
- Shock resistant: over 1000g
- Freq. response: 1 Hz to 3000 Hz
- Dimensions: 3.5" Diameter x 2.6" H (89 mm x 66 mm)
- Weight: 16.5 oz (.466Kg)

## **Acoustic sensor**

- Sealing: IP67 (water and dust tight), microphone must be dry for operation
- Freq. response: 80 Hz to 4500 Hz
- Fits into the supplied telescoping tube set
- Dimensions: 1.625"D x 6"L (41mm x 152mm)
- Sensor cable: Length 30 feet (10M)



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