



## THE WORLD'S MOST SENSITIVE HANDHELD EXPLOSIVES DETECTOR

Effective protection from the threat of improvised explosive devices requires a detection solution that is personal and portable. Pinpointing those persons involved in the construction and deployment of an explosive device requires extreme sensitivity.

Weighing in at less than three pounds, the Fido handheld explosives detectors are small, fast and ultra-sensitive. Dogs have long been the gold standard in military explosives detection. Now, the size and sensitivity of Fido puts the capabilities of canine detection into the hands of the warfighter, first responder and security personnel.

Based on breakthrough detection technologies, the Fido can be used to screen packages, shipping containers, vehicles and people for traces of explosives, while providing real time visual and audio feedback to the operator.

Size and sensitivity set the Fido apart from the competition. Due to its small footprint and true vapor detection capabilities, the Fido XT is well suited to both handheld and robot-mounted applications. The tethered sensor head and pistol grip provide incredible maneuverability while also allowing the sensor to be detached and integrated as a payload on numerous unmanned systems.



### APPLICATIONS

- People screening
- Vehicle screening
- Cargo screening
- Forensics screening

### BENEFITS

- Trace vapor detection
- Quantitative results
- Real time response
- Small size and weight



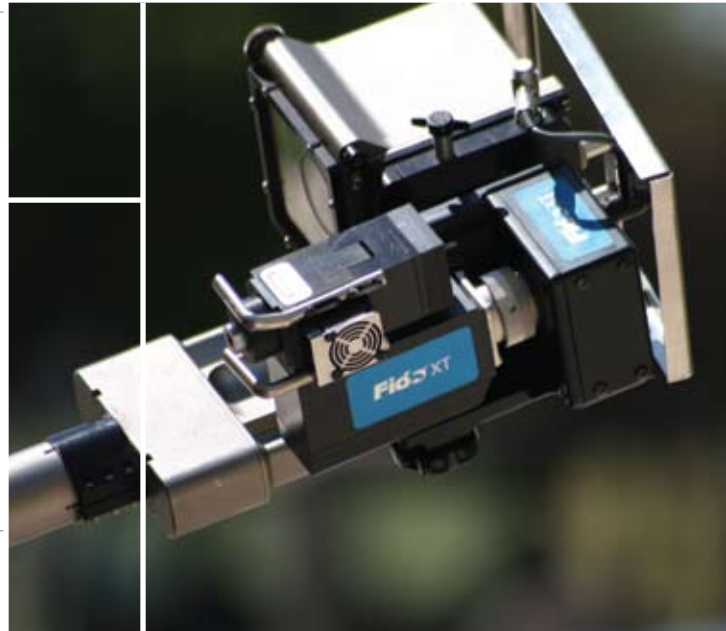
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## SPECIFICATIONS

|             |  |
|-------------|--|
| Description | portable explosives detector<br>(no nuclear source required)   |
| Power       | battery: Lithium Ion (4 hour life)<br>AC: 100 – 120V, 50 – 60Hz  |
| Adapters    | power supply 100 - 250V<br>50 - 60 Hz<br>AC adapter 100 - 120V<br>50 - 60 Hz<br>12V connector (supplied) |
| Com Ports   | USB<br>auxiliary interface (RS 232)  |
| Memory      | 256MB (handheld mode)<br>(10 days continuous data<br>logging capability)                                 |
| Weight      | 2.7 lbs (including battery)  |
| Dimensions  | base unit : 9.8" x 4.8" x 2"<br>tether lengths: 3', 6' and custom<br>sensor head: 3.5" x 3.5" x 1.5"     |

## ROBOTIC INTERFACE

|                                |  |
|--------------------------------|--|
| Com                            | USB 1.0<br>RS-232<br>(connection cables available for<br>various hardware) |
| Interface Unit                 | Dimensions: 2.75" x 2.6" x 2.5"<br>Weight: 8 oz.                           |
| XT Sensor Head<br>(w/out grip) | Dimensions: 3.5" x 3.5" x 1.5"<br>Weight: 13.5 oz.                         |
| Power                          | 12W during start-up<br>4W steady state<br>9 - 28V DC input                 |



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