

TALON®

For IED, EOD, CBRNE, Hazmat

Modular CBRNe / HAZMAT Kit

The TALON CBRNe/Hazmat kit is equiped with high tech CBRNE sensors that provides ultimate protection in CBRNE missions. In military, law enforcement and first responder applications, TALONs are widely deployed for improvised explosive device, explosive ordnance disposal, reconnaissance, chemical, biological, radiological, nuclear explosive, security heavy-lift, defense and rescue missions.



Proven protection

Since 1995, over 4,000 TALONs have been deployed worldwide. On the battlefields of Afghanistan and Iraq, TALON survived bridge falls and even a bomb blast that destroyed a building. Deployed at Ground Zero after the 2001 World Trade Center attack in New York City, TALON remained operational even after repeated decontamination. And after the Boston Marathon bombing, TALON was the robot of choice to assist law enforcement to search and identify potential hazards - keeping civilians and law enforcement safe.

Flexible and rugged operation

The CBRNe kit is configurable for new and existing TALON IV models. The TALON can be operated from the standard Operator Control Unit (OCU), Laptop Control Unit (LCU) or the lightweight Tactical Robotic Controller (TRC). TALON's optional, heavy-lift, multiple-degree-of-freedom arm can be used to open the doors on trunks and vehicles making it a valuable addition to critical and dangerous operations.

FEATURES/BENEFITS:

- Detects radiation, voltatile gases and traces explosives
- Identifies over 7,500 explosives, precursors and chemicals
- Remote sensor keeps operator from danger
- Configurable for new and existing TALON IV models
- Easy installation using direct bolt-on kit
- Optional operational controllers
- Quick release attachments for detection instruments

TALON
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Keeping people and assets out of harms way







Modular Configurations:

Integrated Sensors (select any)

- Smith's Detection LCD 3.2E, LCD 3.3 or JCAD - detects chemical warfare agents (CWAs) and toxic industrial chemicals (TICs)
- Canberra AN/UDR - 14 - detects radiation (gamma dose rate)
- RadEye™ GN Plus – detects radiation (neutron and gamma dose rate)
- RAE Systems MultiRAE, MultiRAE and MultiRAE Pro - detects volatile gases
- FLIR Fido XT - detects trace explosives
- Thermo Scientific FirstDefender RMX – identifies explosives, precursors and chemicals

TALON ARM Options (select one)

- Standard TALON IV with 2DOF (Degree of Freedom) arm
- TALON with 3DOF heavy lift arm

Controller Options

- OCU with PDA
- LCU - laptop control unit
- TRC - tactical robot controller

Three controller options



OCU with PDA



Laptop Control Unit



Tactical Robotic Controller

Modular Sensors



RAE MultiRAE



RayTek Temperature Probe



Canberra AN/UDR-14



Smiths LCD 3.3

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