**General Specifications**

- **Length**: 22.6 ft (68 cm)
- **Width**: 11.0 ft (34 cm)
- **Height (arm stowed)**: 18.6 ft (54 cm)
- **Height from Ground**: 2.75 ft (7 cm)
- **Deployable Mast**: 40.5 ft (1229 cm)

**Endurance**

- 3-4 hours (mission dependent)

**Height from Ground**

- **Deployable Mast**
- **Ground Clearance**
- **Below Grade Reach**
- **Horizontal Reach**: Exceeds 2,600 ft / 800 m

**Operating Range**

- **Obstacle Navigation**: Up to 43 degree stairs

**Arm Lift Capacity**

- **Gripper Force**: 30 lbs (13.6 kg) at full extension
- **Tow Capacity**: Up to 750 lbs (340 kg)
- **Weight**: Starting at 115 lbs (52 kg)

**Additional Tools/Accessories**

- **Q-Tray**
- **Optional Cameras**:—Thermal color or B&W (supported)

**Flexible Controller Options**

- **UC LITE**: Universal Controller, Lightweight interoperable (Tactical Equipment)
- **CU (Laptop Control Unit)**

**Integrations Capabilities**

- **SIMNET Detection LIDAR 3-3 or 144**: detects chemical warfare agents (CWAs) and toxic industrial chemicals (TICs)
- **CANBERRA AN/UDR-14**: detects radiation (gamma dose-rate)
- **Honeywell RA® Systems MultiRAE and MultiRAE Pro**: detects volatile gases and toxic industrial chemicals down range including explosives, toxic industrial chemicals, chemical weapons, narcotics, precursors, white powder and more
- **Thermo Scientific FirstDefender™ RTR**: identifies unknown solid and liquid chemicals down range including explosives, toxic industrial chemicals, chemical weapons, narcotics, precursors, white powder and more

**TALON® CBRN Modular Configurations**

- **Smith® Detection LCD 3.3**: detects chemical warfare agents (CWAs) and toxic industrial chemicals (TICs)
- **CAMERAS AN/UDR-14**: detects chemical warfare agents (CWAs) and toxic industrial chemicals (TICs)
- **RAE® Systems MultiRAE Pro**: detects radiation and volatile gases

**TALON® Arm Options**

- TALON Standard 2DOF Arm
- TALON Heavy Lift 5DOF Arm
TALON’s are credited with performing over 100,000 successful missions and have saved thousands of lives.

**TALON®**
**The Robotic Workhorse**
For almost 20 years, TALON robots have been in continuous, active service to support critical and often dangerous missions worldwide. In military, law enforcement and first responder applications, TALONs are widely deployed for improvised explosive device (IED) and explosive ordnance disposal (EOD), reconnaissance, communications, CBRN (Chemical, Biological, Radiological, Nuclear), Hazmat, security, defense and rescue missions.

CBRN, HAZMAT Robotic Kit
The TALON CBRN/Hazmat kit is equipped with a variety of sensors that offer ultimate protection in dangerous CBRN/Hazmat operations. The sensors detect radiation, volatile gases and traces explosives in addition to identifying over 7,500 explosives and chemicals. The CBRN kit is available for TALON IV and above models.

**TALON® 5**
**IOP Compatible**
TALON 5’s enhanced electronics and software, and the ability to use third party components, offers increased performance capabilities, flexibility and system level modularity for greater mission effectiveness.

Today, TALON robots continue to support all four branches of the U.S. Military, along with Federal, State and Local Law Enforcement and 36 nations worldwide.

Leading the Way
Throughout its history, TALON has had industry-first and industry-leading features that protect the lives of those who protect us. TALON was first used in 2000 in Bosnia for moving and disposing of live explosives. They were also the first military robot to be used in active combat in Afghanistan and in Iraq. Now on its fifth generation, TALON 5 is the first Interoperability Profile (IOP) fielded robotic system that has successfully gone through Army Test and Evaluation Command testing.

At Ground Zero after the 2001 World Trade Center attack, TALON withstood repeated decontamination and remained operational to support rescue teams by searching through rubble.