

TACTICAL ROBOTS

CBRN • Hazmat • Reconnaissance

Visit us on
the web at
www.eca-ssi.com



PYTHON HTR

A large, black, tracked tactical robot with a spherical sensor dome on top and two long antennas. It is positioned on a concrete floor.



COPPERHEAD



A large, black, tracked tactical robot with a complex mechanical arm extending from the front. It is positioned on a concrete floor.

SIDEWINDER XL



To learn more please give us a call, or visit us online at www.eca-ssi.com

Simulator Systems International • 5358 S. 125th E. Ave., Tulsa, OK 74146 • 1.800.843.4764 • robotic@eca-ssi.com

HAZMAT/CBRN • TACTICAL • RECONNAISSANCE

PYTHON HTR

Tailored to meet the needs of hazmat / CBRN, military, homeland security and law enforcement agencies, the Python HTR offers long range communications, MESH Network capabilities, CBRN sensor integration and more.



Mesh Network

- Each robot or drop camera on the network acts as a signal repeater, which can assist in maintaining communication in difficult NLOS environments, as well as extend the communication range
- Single Operator Control Unit (OCU) controls multiple robots



Digital Communication

- NSA level 2 encryption of all data transmission
- Dual frequency communication at 2.4GHz and 900 MHz that automatically switches from one frequency to the other to acquire the strongest signal strength



Tank Inspired Design

- Tank style track climbs stairways, and offers a nimble zero turn radius
- Rugged chassis incorporating 4 motors provides ample power to climb steep grades and carry an array of accessories



Sensor Integration

- USB and RS-232 interface for sensor integration and plug & play components
- The operator is able to monitor and view sensor data from the OCU



Touch Screen U.I.

- Multi-touch and gesture user interface incorporating intuitive icons is simple and easy to use
- Virtual joystick control



Modular Components

- Major components are modular and field replaceable with no tools required
- Unique locking pin assembly allows for quick mission configuration

OCU Screen Shots



Large, High Resolution Image



FLIR Thermal Camera



Virtual Joysticks

SURVEILLANCE • TACTICAL



COPPERHEAD

Quick, nimble, and lightweight, the Copperhead is a 4 wheel drive robot that offers good ground clearance and large, soft rubber tires for maximum traction and mobility.



SIDEWINDER XL

With the same compact footprint as our Sidewinder, the XL adds the functionality of a manipulator arm and three additional cameras.



SIDEWINDER

Our low profile Sidewinder is ideal for under vehicle surveillance and inspection, but is also able to climb small steps and track over rough terrain.



PYTHON

Our Python is a mid-size platform with a tank track design that gives it the ability to easily climb stairs and over virtually anything else, and at around 50 lbs, it can be deployed by one person.



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