

Throwbot XT– With Audio

Video *and* Audio Capabilities in an Ultra-Quiet Micro-Robot



KNOW BEFORE YOU GO®



This icon denotes that your robot has audio capabilities

THE THROWBOT® XT is a throwable micro-robot that enables operators to obtain instantaneous video *and* audio reconnaissance within indoor or outdoor environments. The TXTa weighs 1.2 pounds (540g) and can be thrown up to 120 feet (36m). Once deployed, it can be directed to *quietly* move through a structure and transmit real-time video and audio to the handheld Operator Control Unit II (OCU II). These reconnaissance features can be used to locate and identify subjects, confirm the presence of hostages, listen in on conversations, and reveal the layout of rooms. The TXTa is equipped with an infrared optical system that automatically turns on when the ambient light is low, and it can transmit video and audio up to 100 feet (30m) through walls, windows and doors to the OCU. The robot may be specified in any of three pre-determined transmitting frequencies, allowing users to operate up to three robots in the same environment at the same time. When used in tandem with a Recon Scout SearchStick™, it can also function as a pole camera to facilitate the inspection of attics, rooftops and crawl spaces.

NOTE: Listening headset not included. Headset with in-line volume control must be used.

www.ReconRobotics.com

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Performance

Operates at just 22 decibels at a distance of 20 feet
 Indoor Range (NLOS) Tested to: 100ft/30m
 Outdoor Range (LOS) Tested to: 300ft/91m
 Speed: 1.5fps/.46mps
 Drop Shock Resistance: 30ft/9m
 Throw Shock Resistance: 120ft/36m
 Water resistant to incidental immersion in 1ft/30cm of water

Mechanical Specifications

Length: 8.2in/20.9cm
 Width (wheel to wheel): 7.6in/19.3cm
 Height: 4.5in/11.4cm
 Weight: 1.2lb/.54kg

Run Time

On Flat Terrain: 60 minutes (varies on uneven terrain)

Image Sensor

Black and White
 IR Illumination: 25ft/7.62m
 Field of View: 60 degrees
 Frame Rate: 30fps

Audio

One-way, listening only
 Microphone noise threshold: 35 dB SPL

Operator Control Unit II

Height (antennas up): 20in/51cm
 Height (antennas down): 9.5in/241mm
 Width: 5.6in/14.2cm
 Weight: 1.6lbs/.73kg
 Screen Size: 3.5in/8.9cm
 OCU II Run Time: 120 minutes

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WORLD LEADER IN TACTICAL MICRO-ROBOT SYSTEMS