

SuperDroid

UM4 Retriever Robotic Crawler



The SuperDroid Robots UM4-TZ-121 Surveillance Robot is a small, rugged robot that can be quickly deployed in an emergency and can be instrumental in keeping the operator safe while inspecting hazardous situations.

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Robotics

Quiet and quick surveillance

This robot is compact and lightweight, making it easily deployable.

Hazardous surveillance

Survey hostile/hazardous situations staying out of harm's way.

Clearing rooms remotely

Clear rooms and buildings remotely with audio and video surveillance.

Remote Surveillance

The pan and tilt camera with IR allows the robot to see everything.

Entry into difficult areas

This 4WD robot is very quick and has the ability to traverse many obstacles quickly and effectively.

Specification

Robot

- > Enclosed weatherproof 4WD robot chassis.
- > Integrated Roll cage protecting the camera Pan and Tilt.
- > Robot Run Time: Up to 8 hours.
- > Weight: Assembled robot: 14.5lbs.
- > Dimensions: Total height (floor to top of roll cage): 10 inches, total width: 12.75 inches, total length: 14.75 inches.
- > Ground Clearance: 2 inches Operator Control Unit:
- > High power Digital Radio System.
- > Compact Handheld Design with integrated Tablet with 10" multi touch display
- > Precision Industrial Compact thumb Joysticks
- > Lightweight
- > Tactical remote individually paired with robot for encrypted security

Camera

- > The top mounted tilt only camera has a 27X optical zoom camera. The robot can pivot turn to pan the camera.

High intensity LED lights

- > For added visibility this option adds high intensity LED lights to the zoom tilt camera. The lights are wired into the robot's power and can be remotely tuned on and off.

Microphone

- > The UM4 is equipped with a microphone along with a high gain amplifier. The audio is transmitted back to the remote/OCU.

PA system

- > Two-way audio is included to provide negotiation capabilities.

Battery Charging

- > All the batteries charge simultaneously from a single plug

Options and Upgrades

Different Style Tactical Remotes

We offer several different style of tactical remotes including handheld remotes, tablets, enclosed case remotes, etc. Contact us for more details.

Secondary Monitoring Station and Repeater

Can be used as a 2nd set of eyes for a 2nd entry team or command monitoring station.

Repeater

Great for extending the range of your robot when strategically placed.

Camera

Instead of the zoom tilt camera, a top mounted pan and tilt camera is available, which includes an IR camera allowing the user to see in total darkness. The camera pan is 360+ degrees, the tilt is 60 degrees.



Images shown may not be an exact representation of the features listed.

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World-leading
Robotic Crawlers and
Camera Systems