

UM4 RETRIEVER

Mobile Surveillance & Patrol



TACTICAL SUPPORT

The Retriever is a rapid deployment surveillance and patrol platform, designed to move quickly, monitor and observe, then move to the next location.

With a 360° Infrared (IR) camera the Retriever is also well suited for patrolling low-light areas such as warehouse interiors, or perimeters after dark.

OVERVIEW

APPLICATIONS

REMOTE SURVEILLANCE

A pan tilt zoom camera allows the operator to observe from a safe distance.

HOSTAGE & HAZARDOUS SITUATIONS

Optional two-way audio in addition to a live video feed, allow the operator to locate hostages, identify threats, and communicate with a subject.

REMOTE ROOM CLEARING

Clear rooms and buildings while you stay out of harm's way.

LOW-LIGHT OPERATION

Camera includes IR capability providing good visibility in low light conditions.

SPECIFICATIONS

Speed	300 ft/min
Runtime	Up to 8 hours
Weight	47lbs
Length	24.8 inches
Width	21.9 inches
Height*	17.2 inches
Ground Clearance	4.0 inches

*Height includes roll cage



FEATURES

Enclosed Weather Resistant Chassis

Durable aluminum chassis with a rugged textured epoxy coating.

Lithium Iron Phosphate (LiFePO₄) Battery

The batteries are high-energy density, lightweight, and long-lasting.

Battery Charging

The smart chargers charge all batteries simultaneously with a single 115V AC plug (230V AC available on request).

360° PTZ Camera System

Pan/Tilt 20x zoom camera with infrared capability for low light operation. (360° pan) (+90°/-25° tilt)

Audio System

The Retriever can receive and transmit audio to allow operators to monitor an area for noise as well as communicate with a subject.

Operator Control Unit (OCU) - Wi-Fi Radio (BASIC ONLY)

An affordable method of controlling the Retriever, Wi-Fi radio transmits to a tablet for easy control.

Operator Control Unit (OCU) - Digital Radio

Designed for long range transmission, the 2.4GHz high power digital radio system provides secure two-way encrypted transmission between the control system and the robot. Additional features include:

- Rugged enclosed case with 12" LCD touch screen.
- 11.1V 10Ah Lithium-Ion battery system.
- Integrated joysticks for drive and camera.
- Record video and take snapshots.
- 2-way audio system for hostage negotiation.
- Quad view display of camera views.

Unlimited Technical Support

Training Video and PDF Operation Manual

ADDITIONAL OPTIONS

Repeaters & Monitoring Stations

Significantly increases the operational range and can assist second entry teams.

External Ethernet Jack

Allows for tethered control of the robot.

Removable Release Hitch

Remotely operated. Can be used to tow stop strips, cables, etc. Allows for easy deliver and drop.

Transport Case

Designed to protect your robot in storage and transit.

LED Lights

Remote control LED lights mounted onto roll cage.

HDMI Out

Display video feed on an external monitor via HDMI.

Additional Customization

We are prepared to incorporate features not listed on our datasheet, such as thermal imaging, additional camera systems, LIDAR, button guards, etc. Pricing varies on the features requested.

Main Chassis

	BASIC	STANDARD	ADVANCED
Enclosed Weather Resistant Chassis	✓	✓	✓
LiFePO Battery System	✓	✓	✓
360° 20x Zoom IR Camera	✓	✓	✓
Remote Controlled LED lights	✗	✗	✓
Transport Case	✗	✗	✓

Operator Control Unit (OCU)

Rugged Enclosed Case	✗	✓	✓
12" Touchscreen	✓	✓	✓
Video & Image Recording	✓	✓	✓
Wi-Fi Digital Radio	✓	✗	✗
2.4GHz Digital Radio	✗	✓	✓
Integrated Joysticks	✗	✓	✓
1-Way Audio from Robot	✗	✓	✓
2-Way Audio System	✗	✗	✓

PRICING & STANDARD PAYMENT TERMS

1. Available upon request.
2. 1 year warranty included.
3. Payment by check, money order or wire transfer is accepted.
4. Listed price based on 60% Due ARO, remainder prior to shipment.

DELIVERY

1. Procurement of materials, assembly and testing is required
2. Lead time is typically 8-14 weeks
3. Shipping cost FOB Fuquay Varina, NC

GENERAL TERMS

1. SuperDroid Robots, Inc is not responsible for special incidental or consequential damages resulting from any warranty or under any legal theory, including, but not limited to lost profits, downtime, goodwill, damage to, or replacement equipment or property, or any cost of recovering, reprogramming, or reproducing any data stored. ANY LIABILITY SHALL BE LIMITED TO REPLACEMENT OF DEFECTIVE PARTS. SuperDroid Robots, Inc. is further not responsible for any personal damages, including, but not limited to bodily and health damages resulting from any use of our products.
2. SuperDroid Robots, Inc. makes no representations as to the fitness of its products for specific uses. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS HEREBY EXCLUDED.
3. Agreements shall be construed in accordance with the laws of the State of North Carolina, and the rights and obligations created hereby shall be governed by the laws of North Carolina.
4. In the event a dispute or controversy arises, such dispute or controversy (including claims of default) shall be brought in the courts of Wake County, North Carolina and the plaintiff hereby agrees to this choice of venue.

WARRANTY

1. SuperDroid Robots will repair any manufacturing defects for 1 years after shipment. Damage from abuse or neglect will not be covered. Any shipping costs are the responsibility of the purchaser.
2. Unlimited technical support.
3. Consumable items will not be covered by the warranty. Consumable items include, but are not limited to treads, chains, bearings, wheels, and batteries.
4. Extended warranties, spare parts, and maintenance training is available, contact us with specific needs. Service agreements are also available.

