



MLT-42-W Compact Inspection Robot with PTZ Camera

Overview

This is an easy to use tracked robot intended for inspecting pipes or areas with low clearance heights. It is versatile and easy-to-use.

It includes a pan and tilt camera with 30X optical zoom. The robot comes programmed, fully assembled, and ready to run right out of the box.



Standard Configuration

Chassis: Aluminum sealed chassis

Lights: 12 Powerful LEDs mounted to the camera

Speed: up to 100 feet per minute

Runtime: Up to three hours

Camera System: Custom 360 degree pan and -10 to +90 degree tilt with a 30X Optical Zoom 1/4 inch Sony Color CCD.

Audio: None

Interface: Custom Remote System with Tablet OCU, selected below.

Weight: 15 lbs as configured

Dimensions: 13" wide x 16" long x 12" high

Other Options

Encoder Option: This option allows you to keep track of the distance the robot has travelled and displays the information on the tablet controller. This is great for keeping track of where you are when you see something of note with the inspection camera. The distance is measured by keeping track of the pulses from each motor rotation.

Custom Paint Option: The robot comes standard painted SuperDroid Blue. If you would like a different color select the custom color and we will contact you for the paint color code.

Control Options

Wi-Fi Control System: For use in open areas and short distances into unobstructed areas. Wi-Fi will not typically work well underground, in pipes, etc. where the wireless signal is degraded or blocked.

Wi-Fi and Tethered System with 250ft Ethernet Cable: When the signal is too weak for wireless, plug in the supplied 250ft Ethernet cable to switch to tethered mode. We use high quality outdoor rated cable with waterproof connectors. With this option, the cable is not on a spool. Shorter lengths of the cable can be made. Contact us if you need a custom cable length.

Wi-Fi and Tethered System with 250ft Ethernet Spool: This is the same as the previous option except the cable comes on a spool. The spool allows easy deployment and retraction of the Ethernet cable.

Tethered System with 500ft Cable Spool: For those that know wireless will not work for your application and need to go up to 500ft, this is the best option. The robot will only operate when the tether is connected between the tablet and the robot. If you need a shorter cable, please contact us.





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 are available, contact us with specific needs. Service agreements are also available.

