



PTW-42 4WD Inspection and Surveillance Robot with PTZ Camera

Overview

This robot is the perfect solution for getting into tight spaces with low ceiling height.

Available in wireless and tethered versions, this compact robot can inspect in all the places you can't!

Contact us for customization options.



Standard Configuration

Chassis: Custom 4WD ATR Welded Aluminum Base with IG42 gear motors

Speed: up to 320 feet per minute

Runtime: Up to five hours

Camera System: PTZ camera under a dome. 360 degree pan, 90 degree tilt, 10X Optical zoom

Dimensions: Approx. 4" ground clearance. 20.5" x 23" x 14" (W x L x H)

Weight: 44lbs as configured

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

Assembly: The entire robot will be assembled, configured, tested, and supported by our professionally trained staff here in NC.

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.

Custom Paint Option: The robot comes standard painted SuperDroid Blue, but if you have a custom color in mind, we can do that!

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.

