

GLIMPSE

Remote Inspection Robot

20 Years in business



Specifications:

- Front and rear lifter arms for obstacle climbing and navigation.
- 10X zoom tilt front camera and color IR rear camera come standard. Accessory bay for HD sports camera. Thermal camera option.
- Fully adjustable high intensity LED flood and spot lights on both front and rear of robot.
- 1 hour run time, swapable batteries
- 14 pounds, Dimensions: 15"L x 12"W x 6"H
- Ruggedized Pelican Operator Control Unit with 7" or 10" LCD monitor.
- Records video feed in HD on SD card.
- Fits in tight spaces under houses and other hard to reach places.
- Attachment point for tethered retrieval.

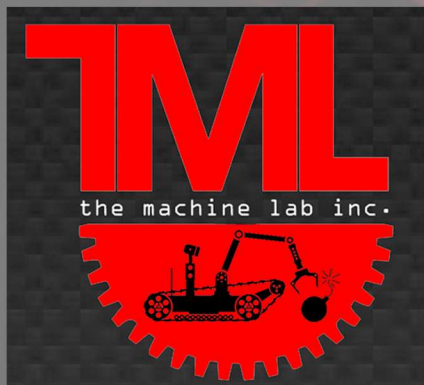
Applications:

- Residential Inspection
- Commercial Inspection
- Remote filming
- Culvert/Pipe Inspection
- Under vehicle inspection
- Law Enforcement



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The Machine Lab, Inc.
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Specification	Robot	Controller
Size	15.3" L x 12.0" W x 6.3"H (stowed configuration)	11.5" L x 13.6" W x 7.0"H
Weight	14.5 lb.	9.6 lb.
Features	<ul style="list-style-type: none"> - Splash proof, low pressure wash-down - Ruggedized design - Side carry handle - Tether point on tail for emergency retrieval - Replaceable camera lens covers - Protected antennas 	<ul style="list-style-type: none"> - Ruggedized design inside Pelican case - Side carry handle - Simple layout and labeled controls - 9" color LCD HD monitor (1280x800) with wide viewing angle and high brightness - 2.4GHz spread spectrum wireless control - 5.8GHz wireless video with diversity receiver
Drive	<ul style="list-style-type: none"> - Track differential drive, zero point turning - Full proportional speed control with max speed of 3.6mph 	<ul style="list-style-type: none"> - 2 axis joystick
Climb	<ul style="list-style-type: none"> - Front and rear rotating climbing arms capable of flipping the robot over - Front arms rotate continuously 360 degrees - Rear arms rotate 270 degrees - Max obstacle climb height of 8" 	<ul style="list-style-type: none"> - Dedicated rocker switch control of both front and rear arms
Lights	<ul style="list-style-type: none"> - Front and rear spot and flood lights (400 lumen) - Full proportional dimming control 	<ul style="list-style-type: none"> - Independent rotating dials for both front and rear lights
Main Camera	<ul style="list-style-type: none"> - 10X optical zoom HD color camera (1080p) - Tilt function, 90 degrees up and 45 degrees down - Auto focus with manual switch override 	<ul style="list-style-type: none"> - Proportional tilt control with 1-axis joystick - Independent zoom and focus toggle switches
Backup Camera	<ul style="list-style-type: none"> - Wide angle color rear facing drive camera (cannot record from this camera) 	<ul style="list-style-type: none"> - Front and rear cameras selectable with toggle switch
Recording	<ul style="list-style-type: none"> - Onboard DVR with capable of recording digital video to micro-SD card in 1080p resolution as well as still photos. - Video is recorded onboard robot which avoids any transmission losses due to wireless break up at long range. 	<ul style="list-style-type: none"> - Dual toggle switch for recording and still image triggering - 32 GB SD card allows for approximately 4 hours of video
Battery	<ul style="list-style-type: none"> - Robot – 25.6V, 3.2Ah, Li-FePO4 rechargeable removeable battery. - Quick-swappable, no tools needed. 	<ul style="list-style-type: none"> - Controller – 12.8V, 3.2 Ah, Li-FePO4 rechargeable removeable battery - Quick-swappable, no tools needed.
Run Time	<ul style="list-style-type: none"> - Approximately 1 hour of continuous driving and up to 4 hours standby. - On-board LED fuel gage readable with front zoom camera 	<ul style="list-style-type: none"> - Approximately 2 hours continuous operation - On-board LED fuel gage and on-screen warning for low battery.
Charging	<ul style="list-style-type: none"> - External charger included - 110-240 Volt AC input - 2-hour charge time - Charge status LED 	<ul style="list-style-type: none"> - Integrated internal charger - 110-240 Volt AC input - 2-hour charge time - Charge status LED
Range	<ul style="list-style-type: none"> - Up to 2500 ft. with direct line of sight - Deep penetration of walls, floors, ceilings, and other objects is highly dependent on the materials of construction and distance between operator and robot. 	
Transport	<ul style="list-style-type: none"> - Robot system comes in a heavy-duty Pelican brand transport case. 	
Tether	<ul style="list-style-type: none"> - Included 100 ft. paracord tether line and spool for retrieving robot in case of dead battery or getting stuck. 	
Optional Extras (not included)	<ul style="list-style-type: none"> - FLIR Boson thermal camera - Custom mounts for specialty inspection tools such as sondes, moisture meters, temperature sensors, etc. 	

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