



The Machine Lab Inc.  
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 (970) 568-9812

## MMP-40 Tracked Tactical Robot System



<b>Length x Width x Height</b>	<b>27"L x 17"W x 13"H</b>
<b>Robot Weight</b>	<b>45 lb.</b>
<b>OCU Weight</b>	<b>5 lb.</b>
<b>Payload</b>	<b>20 lb. additional</b>
<b>Body Style/Chassis</b>	<b>Aluminum, black hard anodized</b>
<b>Drive Type</b> <b>Motor Details</b> <b>Track Details</b> <b>Steering</b> <b>Speed</b>	<b>Climb most common stairways.</b> <b>24V Gearhead motors, all metal gears with custom secondary heavy duty gearboxes and axles. Steel gears with full ball bearings.</b> <b>Custom manufactured light weight and flexible rubber tracks with white paddle or black all-terrain tread patterns.</b> <b>Tank steer, differential type, zero turning radius</b> <b>3.5 ft./sec</b>
<b>Audio/Video</b> <b>Camera</b> <b>Monitor</b>	<b>Wireless audio and video, 4 channels available on 1.2 or 2.4 GHz band</b> <b>Pan/Tilt camera, color high resolution with infrared illumination for video in total darkness. Roll bar for camera protection.</b> <b>Color 6" LCD with receiver, 4 channel with auxiliary output for DVR etc.</b>
<b>Operator Control Unit</b> <b>Controller details</b>  <b>Auxiliary Channels</b>  <b>Range</b>	<b>Twin joystick, one for drive one for camera pan/tilt.</b> <b>PCM or Spread Spectrum technology with failsafes. Monitor mounted to controller.</b> <b>System powered by single battery 12V, 4.2 Ah.</b>  <b>5 auxiliary control channels available for accessories.</b>  <b>300 ft. Urban, 500" line of sight</b>
<b>Power</b> <b>Battery details</b> <b>Run Time</b> <b>Chargers Included</b>	<b>24 V Rechargeable, 7 Ah</b> <b>Approximately 2 hours continuous running, 4 hours standby</b> <b>24 V Universal Smart Charger for Robot</b> <b>12V Universal Smart Charger for OCU</b>
<b>Pelican Case</b>	<b>Durable case for OCU and accessories.</b>
<b>Pricing</b>	<b>Call: (970) 568-9812</b>