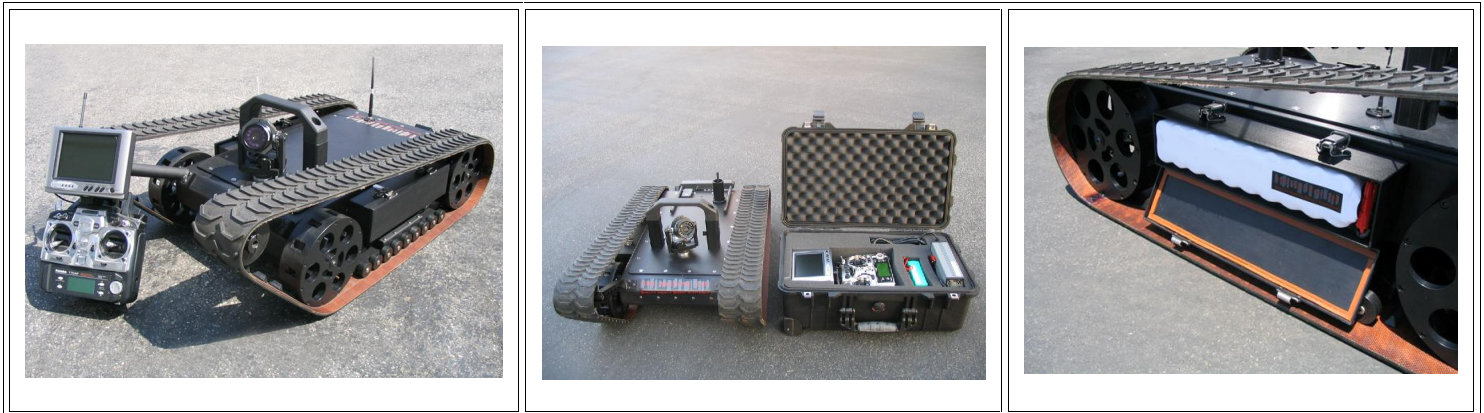




The Machine Lab Inc.
www.themachinelab.com
 infolab@themachinelab.com
 (970) 568-9812

MMP-40X Tracked Tactical Robot System



Length x Width x Height	38"L x 17"W x 13"H
Robot Weight	42 lb.
OCU Weight	5 lb.
Payload	20 lb. additional
Body Style/Chassis	Aluminum, black hard anodized
Drive Type	Climb most common stairways. Enhanced track geometry for easier climbing. Roller bar for smoother camera image and better traction on stairs.
Motor Details	24V Gearhead motors, all metal gears with custom secondary heavy duty gearboxes and axles. Steel gears with full ball bearings.
Track Details	Custom manufactured light weight and flexible rubber tracks with white paddle or black all-terrain tread patterns.
Steering	Tank steer, differential type, zero turning radius
Speed	3.5 ft./sec
Audio/Video	Wireless audio and video, 4 channels available on 1.2 or 2.4 GHz band
Camera	Pan/Tilt color IR camera with illumination to 30 feet, 0 Lux with IR, 1.0 Lux without IR, 420 TV lines resolution. Roll bar/carry handle for camera protection and transport.
Monitor	Color 6" LCD with receiver, 4 channel with auxiliary output for DVR etc.
Operator Control Unit	Twin joystick, one for drive one for camera pan/tilt.
Controller details	PCM or Spread Spectrum technology with failsafes. Monitor mounted to controller. System powered by single battery 12V, 4.2 Ah. Available on 900 MHz or 2.4 GHz.
Auxiliary Channels	4 auxiliary control channels available for accessories.
Range	300 ft. Urban, 500" line of sight
Power	2 x 24 V rechargeable Li-Fe, 7.4 Ah with easy access side compartments for hot swapping.
Battery details	LED battery fuel gage.
Run Time	Approximately 2 hours continuous running, 4 hours standby
Chargers Included	24 V Universal Smart Charger for Robot 12V Universal Smart Charger for OCU
Pelican Case	Durable case for OCU and accessories.
Additional Accessories	Additional cameras, LED lighting, Additional batteries, Manipulator.
Pricing	Call: (970) 568 9812