

The Machine Lab MicroTraxx Robotic Crawler



Highly portable, battery-operated
crawler with full HD camera'

Spectis⁺
Robotics

Micro in size
waterproof with
removable tails
for climbing

Battery powered
with tethered
operation and max
obstacle height
of 4" (with tails)

Variable
High intensity
LED lighting

Full HD 1080p
colour camera

Ruggedised
controller with 10"
HD monitor in a
Peli case

Specification

- > Designed for the inspection of confined spaces including under vehicle and subfloor inspections.
- > Simple deployment and operation.
- > Ruggedised throwable design
- > Field swappable batteries (No tools required)
- > Drive: Track differential drive, zero point turning, Full proportional speed control with max speed of 8 ft/s. (2.4m/sec).
- > Size: 8.0"L x 8.0"W x 3.0"H (20.3cm x 20.3cm x 17.7cm)
- > Crawler weight: 3.0lb (1.36kg).
- > Removable stabiliser tails
- > Lights: Ultra bright LED variable intensity
- > Main Camera: 1080p resolution, wide angle lens
- > Onboard DVR capable of 1080p recording
- > Side access micro SD card slot
- > Run Time: Approx 45 mins.
- > Standby Time: Approx 60 mins.
- > Charge Time: Approx 120 mins.
- > Tether: Included 100 ft (30m). paracord for crawler retrieval.
- > Up to 1000ft range (direct Line of sight).
- > Can drive inverted

Controller

- > Size: 11.5"L x 13.6"W x 7.0"H (29.2cm x 34.5cm x 17.7cm),
- > Weight: 9.6lb (4.35kg)
- > Features: Ruggedised design inside Pelican Case, Side carry handle, Simple layout and labelled controls,
- > 10" colour LCD HD monitor (1280x800) with wide viewing angle and high brightness.
- > Drive: 2 axis joystick.
- > Lights: Rotary dial for high intensity LED light control.
- > Power: Charger for crawler and OCU integrated into OCU
- > Charge status LED
- > Approximately 2 hours continuous operation
- > 2.4GHz spread spectrum control.
- > 5.8GHz wireless video with diversity receiver.



Images shown may not be an exact representation of the features listed.

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World-leading
Robotic Crawlers and
Camera Systems