
TECHNICAL SPECIFICATIONS



DIMENSIONS

Length	162 cm
Width	114 cm
Height	138 cm
Weight	940 kg

MAJOR FEATURES

Wireless, remote controlled robot, self propelled battery operated with electric adjustable monitor and two CCD video cameras.

DRIVING SYSTEM

Two steel tracks with optional rubber pads locomotion technique.
Torsion bars suspension.
Two electric motors powered by 24V batteries.

MOBILITY

Speed	3 + 4 kmh
Climbability	30° slope
Water crossing	20 cm deep
Obstacle crossing	20 cm high

CONTROL SYSTEM

R. F. Trans. Range (max)	850 ft (260 m)
T. V. Trans. Range (Max)	850 ft (260 m)
Cable Control (optional)	328 ft (100 m)

ENVIRONMENTAL CONDITIONS

Temperature: up to 400° C with short exposures to 1000° C

OPERATING TIME

(30% of maneuvering duty) up to 3 hours.

VIEWING SYSTEM

Surveillance camera on a mast, remote controlled zoom and Pan: +/- 175° Tilt: +/- 45°
Front road camera, remote controlled zoom and focus.

LIGHTING

One spotlight unit, parallel to surveillance camera.
One spotlight unit, parallel to road fixed camera.

WATER SYSTEM

Monitor+ electrically operated single nozzle.
Water flow: up to 4200 lit/min at 15 bars.
The robot can drag a 3" fire extinguishing hose and a 1" cc hose, each 100m long

