

## RXR-M80D-10 / Fire Fighting & Scouting Robot

### BASIC DATA

Color(Optional)	Dark Grey / Dessert Yellow / Red / Blue / White
Dimension	L1470xW890xH1410mm
Weight	620kg
Crawler	All-terrain flame-resistant rubber crawler, embedded with metal structure
Power	Battery Pack
Pulling Force	4000N
Load Capacity	200kg
Travelling Speed	1.3m/s
Crossing Height	230mm
Climbing Angle	38° (Slope / Stairs)
Stable Roll Angle	34°
Turning Radius	Turning in place
Control Mode	Remote Control
Continuous Travelling Duration	3 Hours
Continuous Working Duration	16 Hours
Control Distance	1500m
Water Crossing Depth	400mm

### WATER CANNON

Extinguisher Types	Water/Foam
Material	Body: 304 stainless steel, Head: hard aluminum alloy
Work Pressure	1.0~1.2MPa (Recommended)
Spray Mode	Waterspout / Water mist (Switchable during work)
Rated Water Flow	80L/s (Adjustable)
Shoot Range	81.5m (@1.0MPa)
Rotation Angle	Horizontally -45° ~ +45°, Vertically +0° ~ +89°
Hose Connector & Size	DN80 x 2; With 360° universal joints to prevent hoses from getting knotted

## VIDEO TRANSMISSION

Infrared Camera	4 infrared cameras, including 1 front camera, 1 rear camera, 1 water cannon camera, and 1 PTZ camera; IR view distance 80m.
Lifting PTZ Camera	Max. Lifting Height 1800mm
Video Transmission Distance	1200m

## REMOTE CONTROL

Control Box	Size: L473xW372xH191mm, 10Kg
	15 inch high brightness LCD display, resolution ratio 1024*768, Switchable 4-channel video signal, Working duration 5 hours.
Tablet PC (Optional)	Size: L213xW117xH115mm
	Continuous Working Duration 10 hours

## CONFIGURATION

Self-Cooling	Standard	Obstacle Detection	Standard
Gas Detection	Standard	Head Light	Standard
Sound Detection	Standard	Sound & Light Alarm	Standard
Rescue Cart	Optional	Rescue Winch	Optional
Automatic Hose Detacher	Optional	Thermal Imaging	Optional
Communication Support	Optional	Internet	Optional
Internet of Things	Optional	Robot Transport Vehicle	Optional