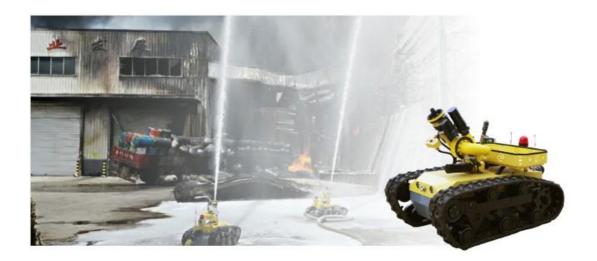## RXR-M40D/RXR-M80D Fire Fighting Robot

Overview

The fire extinguishing robot has excellent power performance and fire extinguishing performance. It is compact and easy to operate. The fire water cannon is compatible with fire trucks, municipal fire water systems and hand-held mobile fire pumps. It is an indispensable part of the micro fire station and can realizeurban and rural three-dimensional Firefighting.

Product advantages

1. The crawler tracks are made of high-temperature-resistant and flame-retardant rubber on the outside and an all-metal frame on the inside;

2. Independent suspension shock-absorbing system with strong impact resistance;

3. Strong maneuverability, fast moving speed and adjustable speed;

4. Using advanced wireless communication technology, long communication distance and anti-interference

Strong performance;

5. Remote control of fire cannon rotation,pitch, and various sprays of water column and water mist Method;

6. Applicable to various water supply systems such as fire trucks and municipal firewater.

Technical parameters

Product Model	RXR-M40D	RXR-M80D
Applicable fields of basic configuration		
Parameters	Fire fighting in various fields	
Overall dimensions	Length 1300mm× Width 680mm× Height 750mm	Length 1660mm × Width 820mm × Height 1260mm
Curb weight	260KG	520KG
Traveling Mechanism	All-terrain high-strength tracks with internal full metal skeleton.	
Traction	25kN	37kN
walking speed	1.8m/s	1.5m/s
Obstacle clearance height	230mm	240mm
Roll stability angle	35°	
Climbing ability	30°	35°
Steering Diameter	Turn place	
Control method	wireless remote control	
Continuous walking time	25h	30h
Working hours	16h	
Communication Distance	600m (affected by weather, environment, terrain and other factors)	1000m (affected by weather, environment, terrain and other factors)
Wading depth	250mm	350mm
Protection level	IP65	
Fire Monitor Coniguration Parameters		
Material	Gun body - 304 stainless steel, gun head - aluminum alloy hard oxidation	
Work pressure	10MPa	12MPa
Injection method	Fire monitor columnar and atomization	
Maximum flow	40L/s	80L/s
Range	65m	85m
Rotation angle	Horizontal -30° ~ +30°, vertical 0° ~ +85° (±5°)	Horizontal -45° ~ +45°, vertical 0° ~ +85° (±5°)
Camera Configuration Parameters		
Visible Light Camera	2 sets, resolution 720P	3 units, image resolution 700TVL
Control terminal Configuration		
Parameter Size	Length 190mm x Width 160mm x Height 100mm	Length 420mm x Width 300mm x Height 110mm
Weight	06 kg	7 kg
Display	5.5-inch high-brightness LCD screen	10-inch high-brightness LCD screen
Show image	2-way video signal switching	3-way video signal
Control system	Android operating system	Windows7 operating system
Working hours	10h	8h