

# 电动防爆四驱消防灭火机器人

## RXR-MC150BGD EX 4wd firefighting robot



### ► PRODUCT INTRODUCTION

The firefighting robot can effectively replace trailer monitors and mobile monitors, using its own power to remotely control the firefighting monitor to the required position. It efficiently substitutes for firefighting and rescue personnel approaching the fire source and hazardous areas for reconnaissance and firefighting operations, thus avoiding unnecessary casualties.

This product is a model designed and produced in accordance with the GB/T 3836-2021 explosion-proof standard, and is suitable for factory use in IIB+H2 explosive and dangerous gas environments.

Applicable scenarios include but are not limited to highway (railway) tunnel fires, large-span and large-space plant fires, petrochemical oil depot and refinery fires. It can also be used for target detection, attack, and cover in large-scale toxic gas and smoke accidents.

### ► PRODUCT FEATURE

1. Entire vehicle explosion-proof
2. Equipped with a rotating turret for 360-degree environmental scanning
3. Capable of detecting 12 types of toxic and flammable gases
4. Powerful propulsion, able to climb a 42° slope and stop without sliding
5. Sideways movement on a 45° slope without tipping over
6. Front-end obstacle avoidance function to prevent collisions when encountering obstacles
7. Rotatable and pitchable water cannon for all-round firefighting
8. Equipped with sprinklers to self-cool in the fire scene or high-temperature areas, ensuring normal vehicle operation
9. Equipped with a thermal imager to accurately locate the fire point in low-visibility conditions
10. Waterproof rating IP66
11. Explosion-proof rating Ex d ib IIB+H2 T4 Gb

➤ **TECHNICAL SPECIFICATION**

**CHASSIS CONFIGURATION PARAMETER**

Overall dimensions	<2080*1228*1266mm	EX grade	Ex dlib]IIBT4Gb
Weight	<1221kg	Protective grade	IP66
Walking speed	0-7.2km/h	Multiple in one gas detector	Yes
Max obstacle crossing	620mm	PTZ camera	Yes(1080P))
Remote control distance	1000M open area	Lighting function	Yes
Climbing angle	42°	Obstacle detection function	Yes
Tilt stability angle	45°	Thermal imager	Yes
Wading Depth	>400mm	Audible and visual alarm	Yes
Remote control	Hand held rc box	Maximum turning radius	Turning in place

**FIRE EXTINGUISHING SYSTEM PARAMETER**

Rated pressure	1.0-1.6 Mpa	Spray range	90M
Rated flow	100L/s	Pitch angle return angle	-20°~+90°-90°~+90°

**APPLICATION FIELDS**

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