

CBRN Reconnaissance Robot

chemical, biological, radiological and nuclear defence



MS-CBRN-RR is a compact tracked robotic platform for chemical, biological, radiological and nuclear defence, offered in three configurations: RCR for radiological and chemical reconnaissance, TACTICAL for military and special missions, and INSPECTION for survey of potentially hazardous areas.

The system is the lightest and most compact in its class, works both independently and as two connected modules, and includes a throwable shockproof module. It is carried as a backpack by a single operator and deployed within minutes.



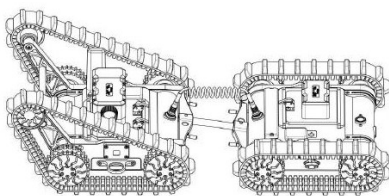
CONFIGURATIONS

- RCR — radiological and chemical reconnaissance
- TACTICAL — military and special missions
- INSPECTION — survey of potentially hazardous areas

PAYLOADS

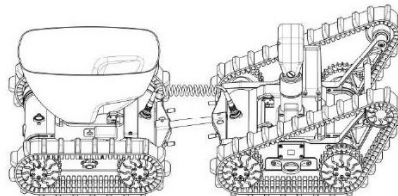
- Radiological and chemical detectors
- Alpha and beta aerosols detector
- Video camera at h = 1500 mm
- Cargo bucket
- Cargo backpack

Multifunctionality



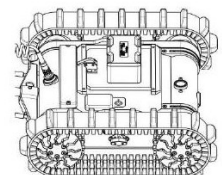
RCR

radiological and chemical
reconnaissance



TACTICAL

solution for military and
special missions



INSPECTION

inspection of potentially
hazardous areas



Lightest and most compact in class



Works both independently and connected

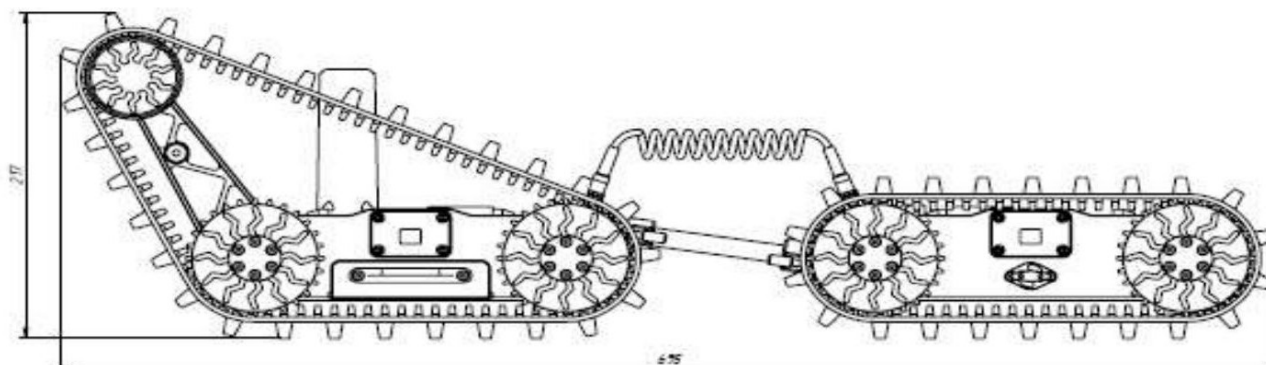


Throwable shockproof module



Specifications

System		Environment and control	
System contents	2 modules, operator unit, accessories, transport case, documentation (payloads as requested by the customer)	Operating temperature	–35 to +60 °C
Operating time	1 – 2 h (operation mode dependent)	Operating range	1000 m line of sight
Cameras, real-time day & night video + zoom	8 cameras 1920×1080 + 2 camera payloads	Protection	IP68
Maximum payload	10 kg	Military standard	MIL-STD-810G
Weight	5.5 kg	Illumination module	LED / IR LED
Speed	7 km/h	MTBF	5000 h



MS-CBRN-RR — connected modules, dimensions in mm

Specifications are subject to change without notice.
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