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## Intelligent Inspection Tracked Robot

### Product Description

The intelligent inspection robot is a multifunctional device that integrates automatic walking, obstacle avoidance, scanning, data uploading, and alarm functions. This robot uses a combination of infrared thermal imaging and high-definition camera technology to perform precise inspections and data collection on outdoor targets. Through wireless base stations, it uploads data and images in real-time, stores them, and issues abnormality alarms, ensuring timely transmission and processing of information.

### Performance Characteristics

- ◆ Image Comparison
- ◆ Autonomous Avoidance
- ◆ Regular Inspection
- ◆ Abnormal Alarm
- ◆ Risk Alert
- ◆ Off-Route Protection
- ◆ Intelligent Scheduling



### Product Features

- 1 Unmanned Monitoring and All-Weather Patrolling

The intelligent inspection robot can replace traditional sentry duties, achieving unmanned monitoring and effectively addressing personnel shortages. It utilizes high-tech methods for all-weather patrolling, enhancing work efficiency and reliability

## 2 Resolving Patrolling Issues and Comprehensive Safety Coverage

The robot effectively addresses various issues encountered during sentry patrols, ensuring comprehensive safety coverage and providing thorough inspection assurance.

## Product Parameters

	Project name	Unit	Details
/	Dimensions	mm	1050*800*850
	Weight	KG	235
	Speed	Km/h	5
	Obstacle-crossing height	cm	20
	Obstacle avoidance distance	m	0-0.1
	Servo motors	W	1500W/2unit
	Power supply	VDC	48
	Continuous operation	h	> 3
Optional configurations (customizable)	Navigation method	/	Inertial navigation,BDS navigation, laser navigation
	Obstacle avoidance sensors	/	Ultrasonic radar, laser obstacle avoidance device, infrared sensor
	HD imaging	/	Real-time monitoring display
	Temperature detection	/	Real-time temperature detection and alarm
	Dispatch detection	/	Host computer software scheduling system
	Automatic navigation control	/	Customizable according to the environment, automatic control system
	Manual navigation control	/	Remote control, wireless remote control, tablet/computer
	Communication method	/	Wireless, wired, multi-frequency band modules

## Application Scenarios

