

K T 200 Two-armed special operation robot

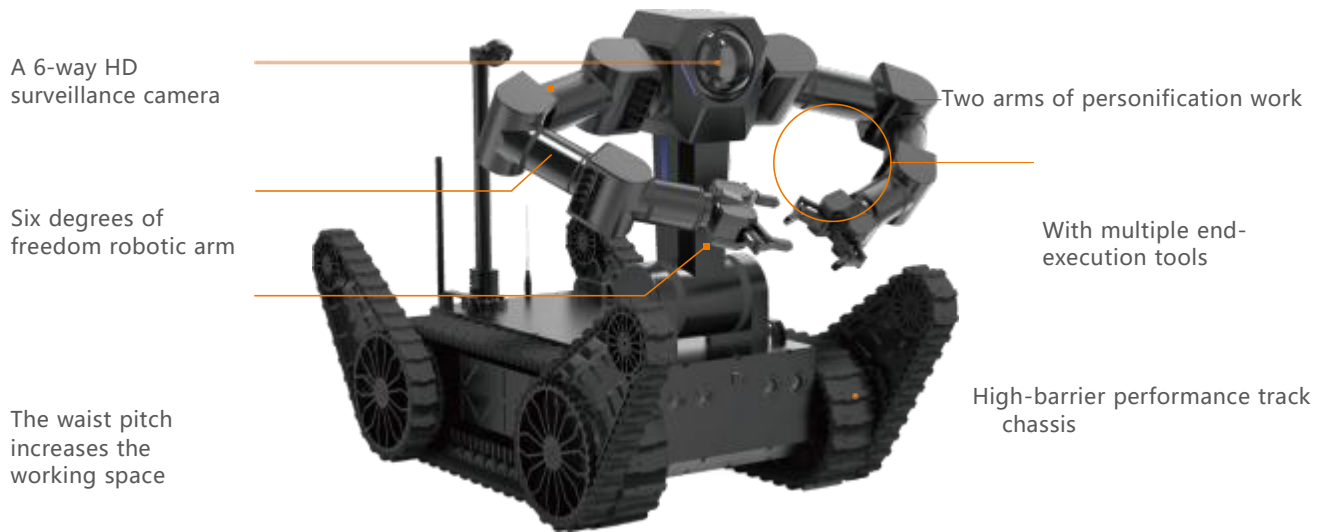
Ground operation robot platform solution

A two-arm special operation robot with flexible and efficient control mode, comprehensive functions and rich application scenarios



KT 200 double-arm special operation robot product introduction

KT 200 two-arm special operation robot adopts bionics design, which can realize the disassembly and operation of complex objects with both hands like human beings, with high flexibility and practicality. Operators can control both robotic arms simultaneously and monitor them remotely in real-time through high-definition multi-perspective images. The robot is equipped with a variety of end execution tools, which can perform a variety of complex tasks, suitable for security check, inspection, emergency rescue and unknown space exploration, to ensure the safety of front-line workers.



A machine is multi-purpose, with comprehensive functions

With more than 10 end-execution tools
The application scenarios are rich and widely used



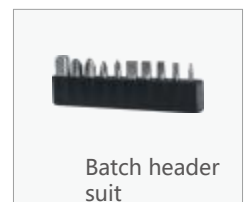
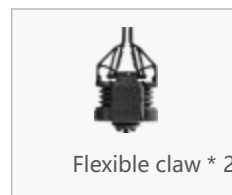
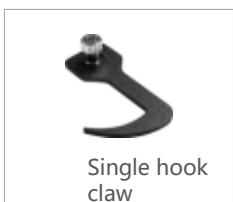
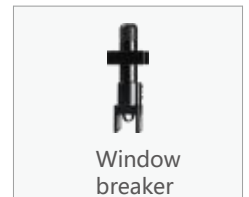
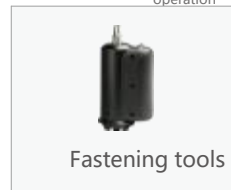
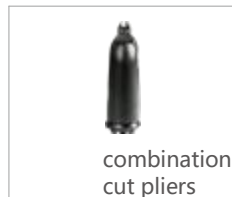
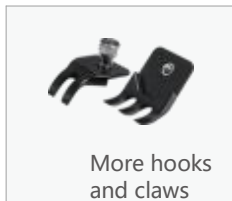
Arm collaboration, efficient and flexible

Two bionic design of high degree of freedom robotic arms. Cooperate to be competent for more homework requirements

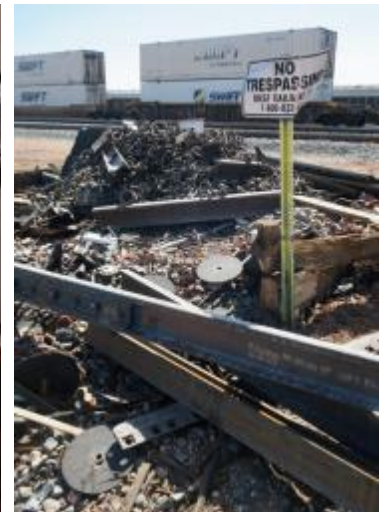


Intelligent control, man-machine collaboration

Operation monitoring screen has no dead corner, remote remote control
Intelligent linkage control, and support one-key operation



KT 200 double-arm special operation robot solution



The wireless control distance is 600m

Man-machine integration, the operation monitoring screen has no dead Angle, remote remote control, to ensure the safety of operators

Intelligent control

Intelligent linkage control of high degree of freedom robotic arm, efficient operation, suitable for the execution of emergency dangerous tasks

Both arms collaboration

Two arms cooperate to achieve the disassembly and operation of complex objects, with high flexibility and practicality

Strong obstacle crossing ability, all terrain suitable

Up and down the 30° slope, stairs, can cross the obstacles, wading, across the ditch

More than 10 end tools

One machine is multi-purpose, complete security check, inspection, detection, transfer, disposal and other operations

Autonomous navigation for all-weather patrol inspection

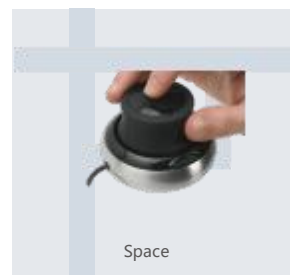
Establish a 3-dimensional map, autonomous inspection, automatic obstacle avoidance, and update the optimal path in real time



customized robot system

intelligent control system

- Visual cooperation work
- Immersive and remote operation
- Multi-sensor fusion control
- Remote big data assistance



Simple operation, high efficiency

- Space multi-dimensional joystick
- High degree of freedom and intelligent real-time control
- Independent developed collaborative control and motion compensation algorithm
- Ensure the sensitivity and accuracy

Application Scenarios



Security inspection



Equipment maintenance



Power operation and maintenance



unknown space exploration



Dangerous disposal



emergency rescue

KT 200 double-arm special operation robot technical specifications

Robot body and control box

outline dimension (mm)	L1100*W730*H1250	Climbing ability, stair ability	30 ° (inclined, slope, stair)
The weight of the machine	≤200kg	Continuous working hours	≥3 hours
One-arm grip	≥5kg	Remote control	The wireless distance is 600m 100m (optional)
Single arm degree of freedom	≥6DOF	IP grade	IP54
maximum speed	0~1.5m/s, Remote control of the continuously variable speed	Control box size (mm)	L480*W400*H210
turning radius	Spin in place	Control box weight	≤13kg
The higher the barrier	200mm	The control box displays the image	4-way images of real-time display

Systematic end-execution tools

Rigid claw * 2	Can be equipped with multiple hook claw, single hook claw, blade and other execution tools	Flexible claw * 2	Adaptive; power off self-locking; add execution tools
Multi-hook, single hook, blade	Execute tools	combination cut pliers	Shear the wire rope and wire mesh within 5mm
Fastening tools	For a sizes of sizes	Batch header suit	Multiple size approvals
Window breaker	Applicable for broken window detection and rescue	electric torch	Suitable for observation in the dark environment Terminal operation