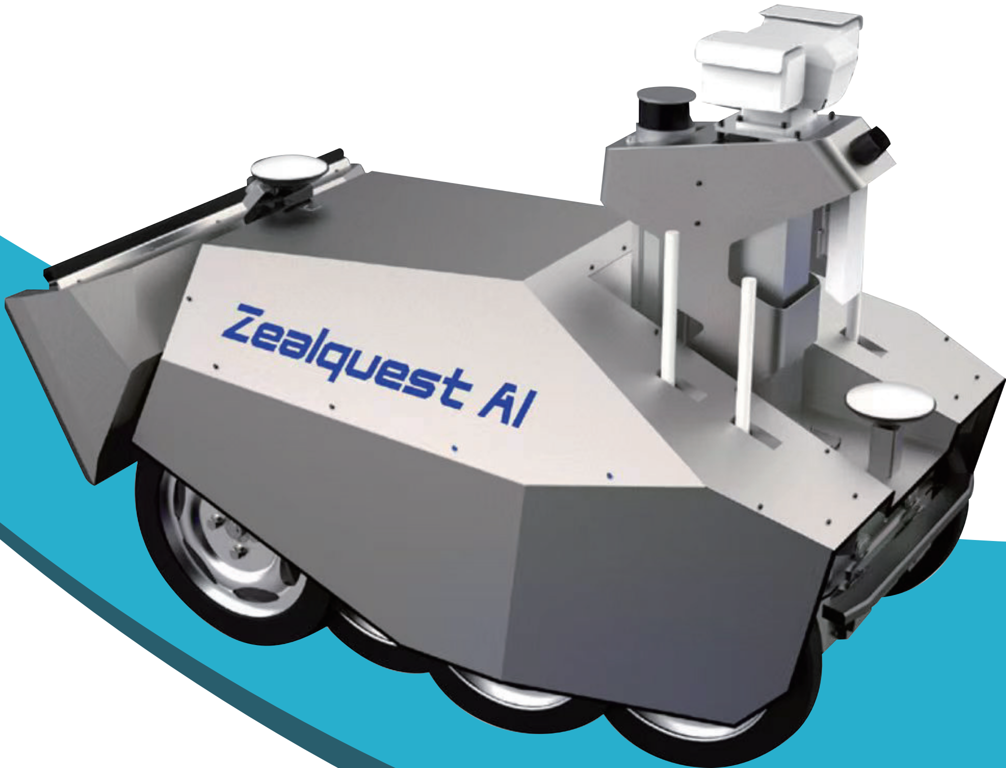
Zealquest AI Netherlands

Zealquest Group Company

8-Wheel AGV
Product List

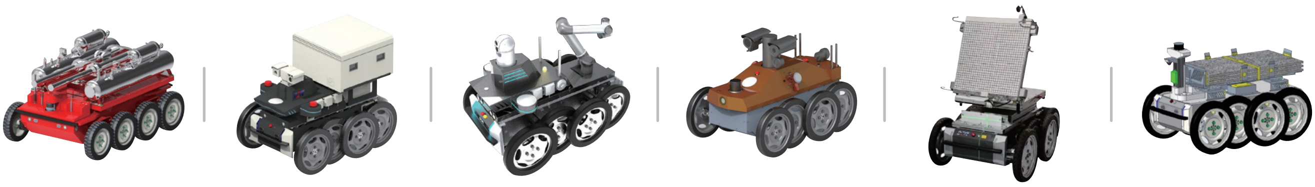
Continuously exploring more application areas for robots.



All Terrain

All Scenario

All Weather



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Product

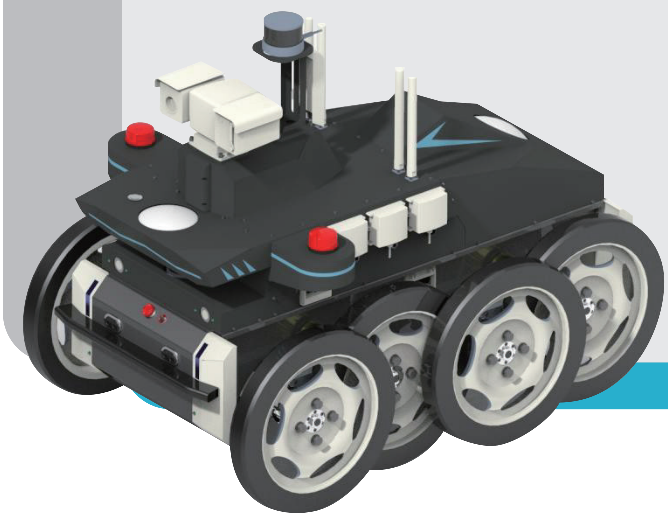
C3A00 Security Patrol Robot

Description

Security inspection robot consists of an all-terrain robot body, binocular gimbal and handheld remote-control terminal. It is mainly used for security inspection in factories, neighborhoods and other areas. Binocular head with self-developed visual recognition algorithms can carry out personnel and vehicle identification, fire recognition, fire equipment and facilities inspection. The robot, equipped with autonomous navigation and a charging pile, can perform 7*24 - hour inspections, thereby comprehensively enhancing the security area control efficiency.

Features

- Binocular PTZ
  360° target detection with visible + thermal imaging binocular head
- Environmental Monitoring
  Different sensors such as atmospheric pressure, temperature and humidity, combustible gas, etc. can be selected to monitor the environmental status of the site.
- Autonomous Navigation
  Leveraging a combination of LiDAR, RTK, and inertial guidance for navigation and localization through multiple methods, it delivers higher - precision navigation.
- Bidirectional Voice Interaction
  Equipped with Pickups and Speakers, it can realize two-way intercom between command center and robot.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through multiple sensors, integrating task path curvature, obstacle distribution and other factors.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Intelligent Recognition
  Binocular gimbal with self-developed vision algorithms can be used for character recognition, boundary-crossing recognition and other tasks.
- Convenient Expansion
  The chassis is equipped with abundant interfaces and has a large load capacity, allowing for the installation of various tops to fulfill different functions.

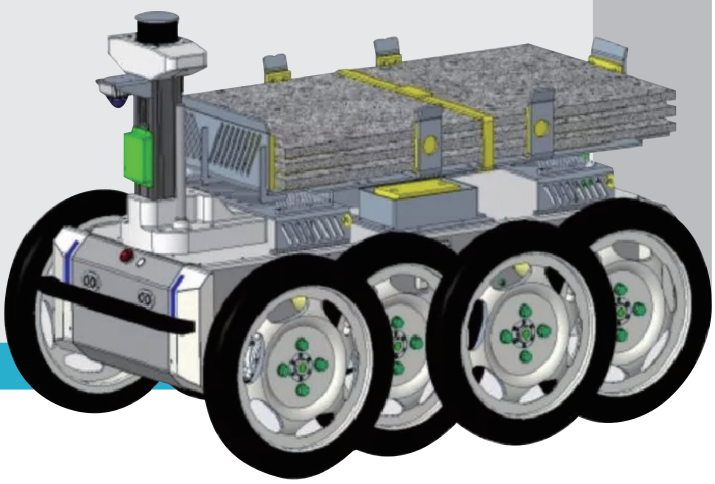


Applications

- Fire point monitoring
- Personnel detection, barracks patrol
- Instrument Inspection
- Leakage monitoring
- Safety helmet monitoring
- Micro fire station inspections

Specification

Model	C3A00
Visible light	Pixels 2560×1440
Overall dimension	1450mm×900mm×1000mm
Thermal imaging	Pixels 384×288
Weight	250kg
Gimbal function	Horizontal 360°, Vertical-90°~90
Running mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Control mode	Handle, autonomous navigation
Operation speed	5km/h
Endurance	8h
Overrun height	300mm
Digital map transmission distance	500m+
Trench width	500mm
Wading depth	300mm
Charging mode	manual, autonomous charging (optional)
International Protection	IP65
Climbing Angle	35°



Product

C3A03 Knight Transportation Droid

Description

The Knight Transportation Droid is composed of an All-terrain robot body, a carrier frame, and a handheld remote-control terminal. The Knight chassis boasts superior All-terrain mobility. When compared to traditional wheeled chassis, it demonstrates remarkable advantages in traversing trenches, surmounting height obstacles, and climbing slopes. In contrast to tracked chassis, this robot exhibits enhanced driving precision and stability during operation. With a payload capacity of 150kg, the Knight Robot is equipped with RTK, LiDAR, and self - developed navigation algorithms, enabling it to achieve autonomous navigation, obstacle - free stopping, and bypassing of obstacles.

Features

- Autonomous Navigation
  Leveraging a combination of LiDAR, RTK, and inertial guidance for navigation and localization through multiple methods, it delivers higher - precision navigation.
- Slope Parking
  Capable of climbing a 30° slope and maintaining a stationary position on the slope without skidding. It can also travel laterally on the slope without toppling over.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through multiple sensors, integrating task path curvature, obstacle distribution and other factors.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing-arm chassis with strong off-road capability and excellent maneuverability.
- Excellent Reliability
  Constructed with high - strength materials for both wheels and body, and designed with high reliability in mind, it ensures safe operation under extreme temperatures and across complex road surfaces.
- Easy Expansion
  The chassis is equipped with abundant interfaces and has a large load capacity, allowing for the installation of various tops to fulfill different functions.

Applications

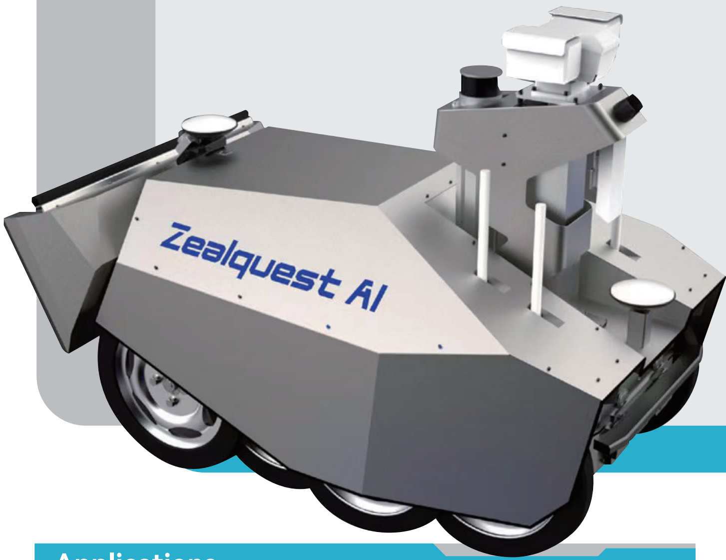
- Material transportation

Specification

Model	C3A03
Overall dimensions	1450mm×900mm×955mm
Climbing angle	35°
Load weight	150kg
Mapping area	1000000m²
Weight	250kg
Endurance	8h
Operation Mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Mapping distance	500m+
Running speed	5km/h
Wading depth	300mm
Overcoming height	300mm
International Protection	IP65
Trench width	500mm
Charging mode	manual, autonomous charging (optional)

Product

C3A04 Photovoltaic Integrated Inspection and Maintenance Robot



Description

The photovoltaic industry has entered a period of rapid development due to the accelerated implementation of the environment protection policy. Photovoltaic stations need to carry out daily inspection, PV panel inspection and weeding operations. Conventional manual inspections for weeding are time-consuming and costly, and manual inspections also pose certain dangers and potential errors. Photovoltaic inspection and maintenance robots can significantly reduce the number of personnel required for inspection time. They can achieve 7×24-hour inspections, reduce labor and operation & maintenance costs, effectively enhance the efficiency of PV systems, and assist in lowering operation costs and improving efficiency for PV power plants.

Applications

- Large scene modeling information acquisition
- Hot spot monitoring
- Regular weeding
- Semantic segmentation
- All terrain operations and maintenance
- Intelligent operation and maintenance management

Features

- Binocular PTZ
  360° target detection with visible + thermal imaging binocular head
- Environmental Monitoring
  Different sensors such as atmospheric pressure, temperature and humidity, combustible gas, etc. can be selected to monitor the environmental status of the site.
- Autonomous Navigation
  Leveraging a combination of LiDAR, RTK, and inertial guidance for navigation and localization through multiple methods, it delivers higher - precision navigation.
- Bidirectional Voice Interaction
  Equipped with Pickups and Speakers, it can realize two-way intercom between command center and robot.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through multiple sensors, integrating task path curvature, obstacle distribution and other factors.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Weeding
  Equipped with a weeding mechanism for removing weeds at photovoltaic sites.
- Intelligent Recognition
  A binocular gimbal with self-developed vision algorithms can recognize people and detect cross-border activities.

Specification

Model	C3A04
Visible light	Pixels 2560×1440
Overall Dimension	Contraction Size: ≤1700*1100*1250mm Spread Size: ≤1900*1100*1650mm
Thermal imaging	Pixels 384×288
Weight	300kg
Gimbal function	Horizontal 360°, Vertical-90°~90
Running mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Lifting function	Head can be lifted 400mm
Running speed	5km/h
Recognition distance	1.0km/0.3km, daytime/nighttime
Overrun height	300mm
Endurance	8h
Trench width	500mm
Map transmission distance	500m+
Climbing angle	30°
Wading depth	300mm
Weeding width	700mm
International Protection	IP65

Product

C3A05 Collaborative Operations and Maintenance Robot

Description

The collaborative operation and maintenance robot consists of robot body, industrial robotic arm and handheld intelligent remote-control terminal. The main application areas are extra-high voltage power station, chemical plant operation and maintenance field, for the operation and maintenance personnel to provide fast, accurate plant equipment dynamics, but also through the robotic arm to collect samples, real-time control of production quality. Compared with the traditional manual inspection operation, it can significantly reduce a large number of labor and time costs, and solve the problem of insufficient "human ratio" to a large extent.

Applications

- Robotic arm assisted operation
- Fire point monitoring
- Personnel detection
- Instrument inspection
- Leakage monitoring
- All-weather inspection

Specification

Model	C3A05
Visible light	Pixels 1920*1080
Dimension	<1400×800×1500mm
Head Function	Horizontal 360°, Vertical-90°~90
Weight	250kg
Width across the trench	500mm
Running mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Distance of map digital transmission	500m+
Running speed	5km/h
Wading depth	300mm
Overcoming height	300mm
International Protection	IP65
Climbing angle	35°
Mapping distance	500m+
Mapping area	1,000,000m²
Arm parameters	Select arm according to the site
Endurance	8h

Features

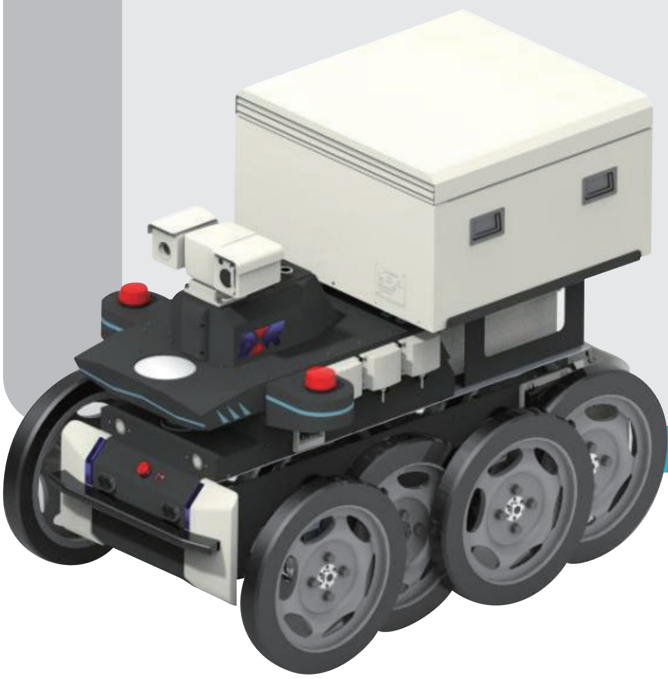
- Binocular PTZ
  360° target detection with visible + thermal imaging binocular head
- Environmental Monitoring
  Different sensors such as atmospheric pressure, temperature and humidity, combustible gas, etc. can be selected to monitor the environmental status of the site.
- Autonomous Navigation
  Leveraging a combination of LiDAR, RTK, and inertial guidance for navigation and localization through multiple methods, it delivers higher - precision navigation.
- Bidirectional Voice Interaction
  Equipped with Pickups and Speakers, it can realize two-way intercom between command center and robot.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through multiple sensors, integrating task path curvature, obstacle distribution and other factors.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Intelligent Recognition
  Binocular gimbal with self-developed vision algorithms can be used for character recognition, boundary-crossing recognition and other tasks.
- Robotic Arm
  Robotic arm for on-site sampling, valve actuation, etc.

Product

C3A06 Beehive Robot

Description

The Beehive Robot is composed of an all-terrain robot body, an integrated hive, a drone and a handheld remote-control terminal, which has a high degree of intelligence and autonomy, and is capable of accomplishing complex land and air joint patrol missions. The UAV expands the field of vision and action of the ground robot, and the ground robot becomes an excellent carrier for the UAV, providing it with sufficient storage space, smooth communication links and stable charging support. The handheld remote-control terminal provides operators with a convenient and fast control method, which makes the control of the robot more accurate and reliable.



Features

- Binocular PTZ
  360° target detection with visible + thermal imaging binocular head
- Environmental Monitoring
  Different sensors such as atmospheric pressure, temperature and humidity, combustible gas, etc. can be selected to monitor the environmental status of the site.
- Autonomous Navigation
  Leveraging a combination of LiDAR, RTK, and inertial guidance for navigation and localization through multiple methods, it delivers higher - precision navigation.
- Drones
  Equipped with a drone, the unmanned vehicle can charge and provide a data link to it.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through multiple sensors, integrating task path curvature, obstacle distribution and other factors.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.

Applications

- Outdoor inspection
- Fire point monitoring
- Weather patrol

Specification

Model	C3A06
Visible light	Pixels 1920*1080
Dimension	≤1450mm×900mm×1250mm
Head function	Horizontal 360°, vertical -90°~90°
Weight	350kg
Hive	Configured according to project requirements
Opening and closing method	Single opening and closing at the top
UAV	Matched according to project requirements
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Mapping area	1000000m^2
Operation speed	5km/h
Endurance	8h
Overcoming height	300mm
Mapping distance	500m+
Trench width	500mm
Wading depth	300mm
Climbing angle	35°
International Protection	IP65
Turning radius	0
Charging time	Fast charging 4h

Product

C3A Knight Robot Chassis with Autonomous Navigation

Description

The Knight robot chassis consists of an all-terrain robot body and a handheld remote-control terminal. Knight chassis has strong all-terrain passability, compared with the traditional wheeled chassis, its performance is more excellent across the trench, height obstacles, climbing and so on, and compared with the tracked chassis, this robot driving accuracy and running stability is stronger. The Knight robot has a load capacity of 150kg, can be independently matched with different tops to realize different functions, such as with a gimbal to realize security inspection; with a robotic arm to realize the operation and maintenance of the park and factories; with a drone and hive to realize the ground and air joint inspection and so on. Fitted with RTK, LiDAR, and self - developed navigation algorithms, the robot can achieve autonomous navigation, stopping, and obstacle bypassing.

Features

- Convenient Expansion
  The chassis is rich in interfaces and has a large load capacity and can be installed with different tops to realize different functions.
- Environmental Monitoring
  Different sensors such as atmospheric pressure, temperature and humidity, combustible gas, etc. can be selected to monitor the environmental status of the site.
- Autonomous Navigation
  Leveraging a combination of LiDAR, RTK, and inertial guidance for navigation and localization through multiple methods, it delivers higher - precision navigation.
- Bidirectional Voice Interaction
  Equipped with Pickups and Speakers, it can realize two-way intercom between command center and robot.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through multiple sensors, integrating task path curvature, obstacle distribution and other factors.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.

Specification

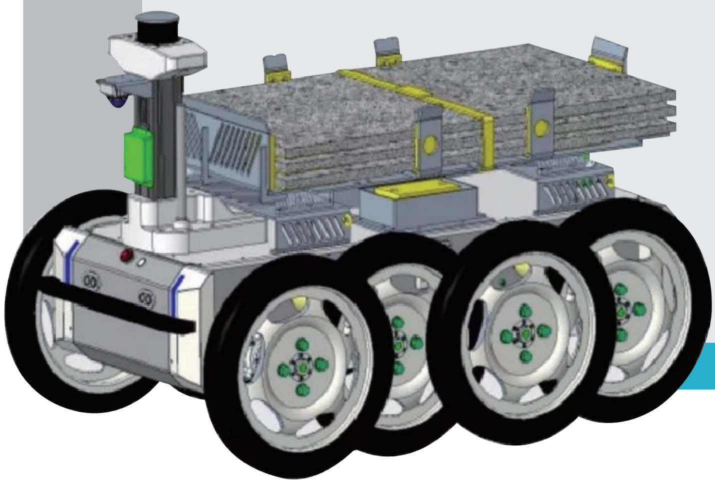
Model	C3A
Dimension	1450mm×900mm×1000mm
Weight	<250kg
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Running speed	5km/h
Control mode	Handle, autonomous navigation
Overrun height	300mm
Endurance	8h
Trench width	500mm
Map and data transmission distance	500m+
Charging mode	Manual, autonomous charging (optional)
Wading depth	300mm
Climbing angle	35°
International Protection	IP65

Applications

- Adding a gimbal for security inspections
- Adding load frame buckets for material handling
- Adding a drone top for aerial surveillance and monitoring

Product

C3M03 Knight Transportation Robot (RC Version)



Description

The Knight Transportation Robot consists of an all-terrain robot body (remote control version), a load frame, and a handheld remote-control terminal. Knight chassis has strong all-terrain passability, compared with the traditional wheeled chassis, its performance is more excellent across the trench, height obstacles, climbing and other performance, and compared with the tracked chassis, this robot driving accuracy and operational stability is stronger. The Knight robot has a load capacity of 150kg.

Features

- Convenient Expansion
  The chassis is rich in interfaces and has a large load capacity, and can be installed with different tops to realize different functions.
- Slope Parking
  Capable of climbing a 30° slope and stopping on the slope without skidding and traveling sideways without rolling over
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Excellent Reliability
  The wheels and body are made of high-strength materials and designed for high reliability to ensure safe operation in extreme temperatures and on complex road surfaces.

Applications

- Material transportation

Specification

Model	C3M03
Width across trench	500mm
Overall dimension	1450mm×900mm×750mm
Endurance	8h
Load weight	150kg
Distance of map digital transmission	500m+
Weight	250kg
Wading depth	300mm
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
International Protection	IP65
Running speed	5km/h
Climbing angle	35°
Overcoming height	300mm
Continuous stair climbing angle	33°

Product

C3M07 Hedo Board Robot

Description

The E-Capture system calibrates a fully automated robot that does not need to be disassembled for each inspection, but can easily move heavy inspection aids to the designated inspection location using a handheld remote-controlled, all-terrain, flexible mobility chassis. The robot is equipped with a fully automated calibration and inspection system that allows for easy switching between different Ringlemann blackness level inspection plates ("blackness plates" for short), attitude angle adjustment, and one-touch attitude recovery. The robot allows personnel to carry out on-site commissioning work in a safe position, ensuring personnel safety.

Features

- Convenient Expansion
  The chassis is rich in interfaces and has a large load capacity, and can be installed with different tops to realize different functions.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Excellent Reliability
  The wheels and body are made of high-strength materials and designed for high reliability to ensure safe operation in extreme temperatures and on complex road surfaces.

Applications

- Black smoke capture and calibration

Specification

Model	C3M07
Static device angle	40 ~ 90°
Overall dimension	1450mm×900mm×865mm
Turntable angle adjustment	0°–90°, with fixed positions at 0° and 90°
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Operating environment	-20℃~60
Self-weight	200kg
Control mode	Handle
Running speed	5km/h
Endurance	8h
Overrun height	300mm
Digital map transmission distance	500m+
Trench width	500mm
Wading depth	300mm
Climbing angle	35°
International Protection	IP65

Product

C3M Knight Robot Chassis (Remote Control Version)

Description

The Knight robot chassis (remote control version) consists of all-terrain robot body and handheld remote-control terminal. Knight chassis has a strong all-terrain passability, compared with the traditional wheeled chassis, its performance is more excellent to cross the trench, height obstacles, climbing and so on, and compared with the tracked chassis, this robot driving accuracy and running stability is stronger. Knight Robot has a load of 150kg, and can be independently matched with different tops to realize different functions, such as matching with the black degree plate to realize the calibration of the black smoke capture camera, and matching with the load frame to realize the transportation of materials and so on.

Features

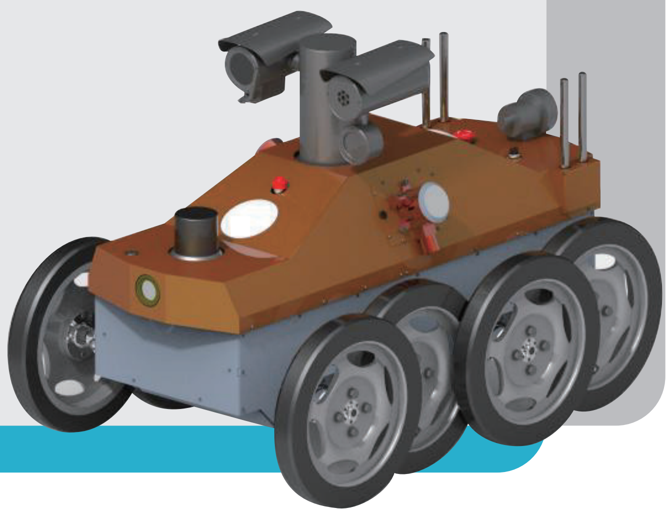
- Convenient Expansion
  The chassis is rich in interfaces and has a large load capacity, and can be installed with different tops to realize different functions.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Environmental Monitoring
  Different sensors such as atmospheric pressure, temperature and humidity, combustible gas, etc. can be selected to monitor the environmental status of the site.

Applications

- Transportation of materials

Specification

Model	C3M
Overall dimension	1450mm×900mm×1000 mm
Weight	250kg
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Running speed	5km/h
Control mode	Handle
Overrun height	300mm
Endurance	8h
Trench width	500mm
Mapping distance	500m+
Charging method	Manual
Wading depth	300mm
Climbing angle	35°
International Protection	IP65



Product

EX1A01 Explosion-Proof Robot

Description

Industrial inspection robot consists of all-terrain robot body, binocular gimbal and handheld intelligent remote-control terminal. It is widely used in various industrial inspection scenarios with explosion-proof requirements, and can replace the safety operation and maintenance personnel to carry out environmental inspection of plant and station equipment. The robot has obtained explosion-proof qualification certification and is suitable for inspection of chemical plants, dangerous goods storage places and other high-risk places. The binocular head, together with self-developed visual recognition algorithms, can find various problematic scenarios such as fires, leaks and other problems, and it can also identify various types of instruments, which can greatly reduce the labor intensity of inspection personnel, reduce the safety hazards in the process of inspection, and improve the safety level of the enterprise.

Applications

- Satellite fire station inspection
- Fire point monitoring
- Personnel detection
- Instrument inspection
- Leakage monitoring
- All-weather inspection

Specification

Model	EX1A01
Visible light	Pixels 2560×1440
Explosion-proof grade	Exd mb [ib]IIB T4Gb
Thermal imaging	Pixels 384×288
Overall dimensions	Length 1450mm× 900mm×1040mm
Head Function	Horizontal 360°, Vertical-90°~90
Weight	550kg
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Recognition distance	1.0km/0.3km, daytime/nighttime
Operating speed	5km/h
Endurance	8h
Overcoming height	200mm
Distance of map digital transmission	500m+
Trench width	400mm
Wading depth	300mm
Climbing angle	25°
International Protection	IP65
Mapping area	1,000,000m^2

Features

- Binocular PTZ
  360° target detection with visible + thermal imaging binocular head
- Environmental Monitoring
  Different sensors such as atmospheric pressure, temperature and humidity, combustible gas, etc. can be selected to monitor the environmental status of the site.
- Autonomous Navigation
  Leveraging a combination of LiDAR, RTK, and inertial guidance for navigation and localization through multiple methods, it delivers higher - precision navigation.
- Bidirectional Voice Interaction
  Equipped with Pickups and Speakers, it can realize two-way intercom between command center and robot.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through multiple sensors, integrating task path curvature, obstacle distribution and other factors.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Intelligent Recognition
  Binocular gimbal with self-developed vision algorithms can be used for character recognition, boundary-crossing recognition and other tasks.
- Convenient Expansion
  The chassis is rich in interfaces and has a large load capacity, and can be installed with different tops to realize different functions.

Product

T3A04 atomizing fire extinguishing robot

Description

Terrain pulse atomization fire-fighting robot is the first fire-fighting robot in China that can independently complete the fire-fighting task through its own water tank and fire extinguishing gun without the help of external energy-supply and water-supply devices. The robot consists of the main body of the all-terrain robot, the atomizing pulse spraying device and the handheld remote-control terminal. The sprayer of this product can choose to carry 3 liters or 5 liters of capacity, and the spraying effect of the atomizing pulse spraying device can cover a range of more than 50 square meters. The robot plays an excellent role in complex fire environments such as power equipment, petrochemical, commercial office and emergency safety, allowing firefighters to enter the scene quickly and complete their tasks efficiently.

Features

- Self-contained Water Tank
  The robot is equipped with a 280L water tank, which eliminates the need for external water supply and reduces the dependence on the fire-fighting environment.
- Swing Arm Chassis
  Eight-wheel four-wheel drive planetary swing arm chassis with strong off-road capability and excellent maneuverability.
- Path Planning
  Based on the set path task, through a combination of multiple positioning methods to realize autonomous navigation.
- Autonomous Obstacle Avoidance
  Adaptive obstacle avoidance behavior through a variety of sensors, combined with the task path curvature, obstacle distribution and other factors.
- Fogging Fire Fighting
  Able to perform fire - extinguishing tasks by atomizing water or water - based extinguishing agents over a wide area.
- Overall Reliability
  The wheels and body are made of high-strength materials and designed with high reliability to ensure safe operation under extreme temperatures and complex road surfaces.

Applications

- Atomizing Fire Extinguishing

Specification

Model	T3A04
Dimension	2070mmx1315mmx1085mm
Control mode	Handle
Weight	1300kg
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Running speed	10km/h
Over obstacle height	350mm
Trench width	600mm
Tank volume	2x6.8L
Spraying distance	35m
Spraying interval time	7.0S
Spray angle	0-30°adjustable
Water reservoir volume	2x140L
Spray volume	2*5L;can spray 2*28 times
Extinguishing medium	Water or water-based extinguishing agent
Wind class	9
Climbing angle	30°(with load)
Endurance	8h
Traction force	7000N
Map transmission distance	500m+
Turning radius	0
Wading depth	350mm
Charging time	Fast charging 4h
International Protection	IP65

Product

T3A Hercules robot chassis (autonomous navigation)

Description

Hercules robot chassis consists of all-terrain robot body and handheld remote-control terminal. Through the planetary swing arm flexible chassis with powerful gearbox motor, it has reliable anti-tipping and anti-vibration functions, which enables the robot to pass through trenches, slopes, potholes, stairs, undulating slopes, rubble and other three-dimensional complex environments; the robot is equipped with high-end sensors, which enable it to realize automatic tracking and obstacle-circumventing functions. Meanwhile, it has strong loading capacity and can be equipped with load box, stretcher and fire extinguishing device to realize different scenarios of material transportation, casualty transportation and fire extinguishing functions.

Features

- Detection and Following
  Optional sensing system UWB module for intelligent following.
- Swing Arm Chassis
  Eight-wheel drive planetary swingarm chassis with strong off-road capability and excellent maneuverability.
- Route Planning
  Based on the set path task, realize autonomous navigation by combining positioning in various ways.
- Autonomous Navigation
  Autonomous obstacle avoidance through a variety of sensors, combined with the curvature of the task path, obstacle distribution and other factors, adaptive obstacle avoidance behavior.
- Heavy Duty Transportation
  It can easily carry heavy-duty materials to the rescue site, with a load of up to 1000kg on level ground and 500kg on climbing grades.
- Excellent Expandability
  The chassis is rich in interfaces and has a large load capacity, and can be installed with different top loads to realize different functions.

Applications

- Transportation of materials
- Rescue Towing

Specification

Model	T3A
Load capacity	1000kg on flat ground; 500kg on slopes
Overall dimension	L2000mm×W1570mm×H845mm
Traction force	7000N
Control mode	Handle remote operation, autonomous navigation, intelligent following (optional)
Mapping area	1,000,000m^2
Weight	780kg
Steering diameter	0
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Endurance	8h
Running speed	10km/h
Mapping distance	500m+
Over obstacle height	350mm
Wading depth	350mm
Width across trench	600mm
Climbing angle	30°(with load)
International Protection	IP65

Product

T3M Hercules robot chassis (without autonomous navigation)

Description

Hercules robot chassis consists of all-terrain robot body and handheld remote-control terminal. Through the planetary oscillating arm flexible chassis with powerful reducer motors, it has reliable anti-tipping and anti-vibration functions, so that the robot can easily pass through trenches, slopes, potholes, stairs, undulating slopes, rubble and other three-dimensional complex environments. Meanwhile, it has strong load capacity and can be equipped with load box, stretcher and fire extinguishing device to realize the functions of material transportation, casualty transportation and fire extinguishing in different scenarios.

Features

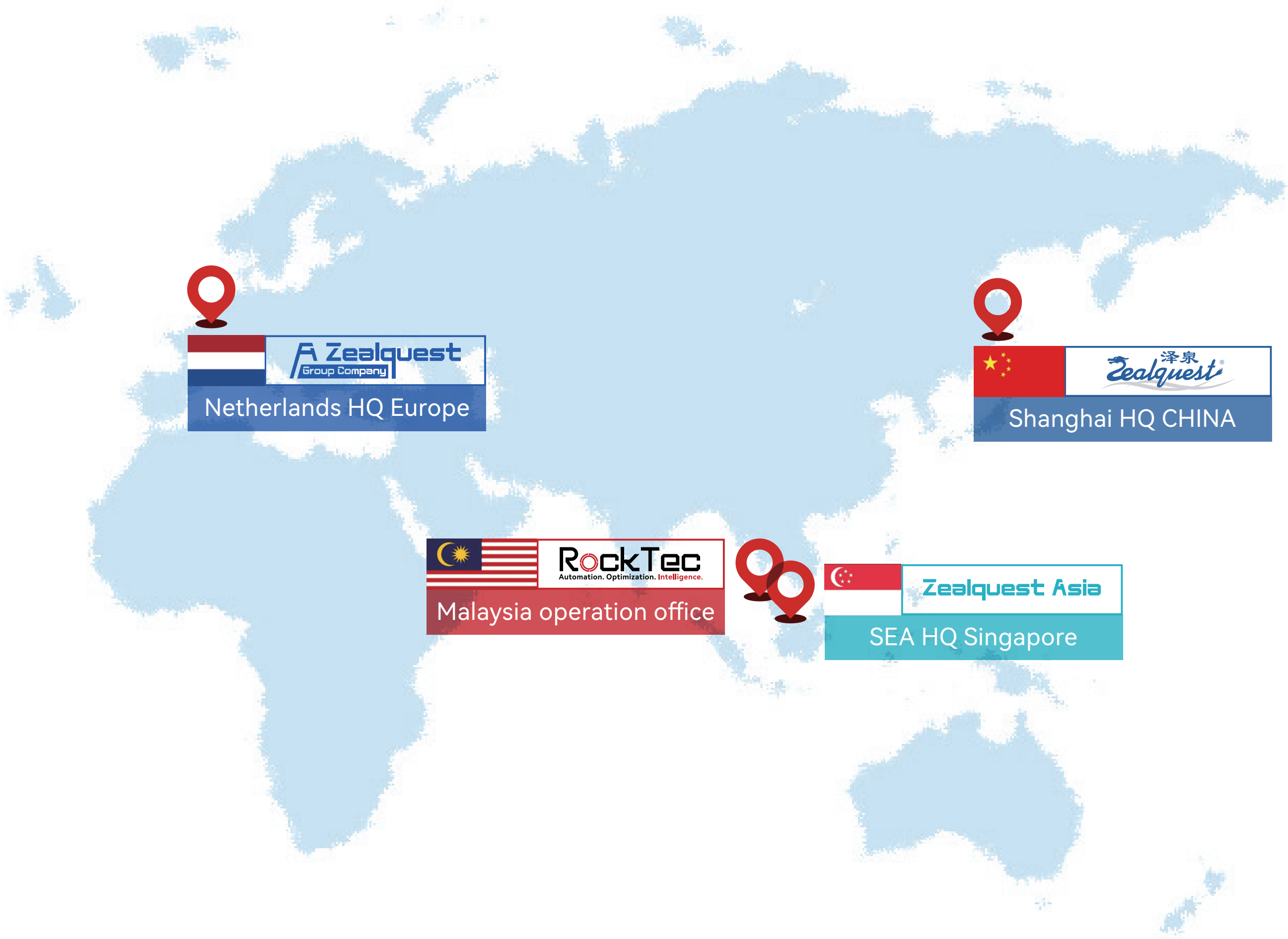
- Swing Arm Chassis
  Eight-wheel drive planetary swingarm chassis with strong off-road capability and excellent maneuverability.
- Slope Parking
  Capable of climbing a 30° slope and stopping on the slope without skidding and traveling sideways without rolling over.
- Overall Reliability
  The wheels and body are made of high-strength materials and designed with high reliability to ensure safe operation under extreme temperatures and complex road surfaces.
- Heavy Duty Transportation
  It can easily carry heavy-duty materials to the rescue site, with a load of up to 1000kg on level ground and 500kg on climbing grades.
- Excellent Expandability
  The chassis is rich in interfaces and has a large load capacity, and can be installed with different top loads to realize different functions.

Applications

- Transportation of materials
- Rescue Towing

Specification

Model	T3M
Load capacity	1000kg on flat ground; 500kg on slopes
Overall Dimension	2000mm×1570mm×845mm
Traction force	7000N
Control mode	Handle-based remote operation
Steering diameter	0
Weight	780kg
Endurance	8h
Operation mechanism	All-terrain chassis with planetary wheel oscillation structure, eight-wheels with four drive
Mapping distance	500m+
Running speed	10km/h
Wading depth	350mm
Overcoming height	350mm
International Protection	IP65
Width across trench	600mm
Climbing angle	30°(with load)



Zealquest AI Netherlands B.V.
Sir Winston Churchilllaan 299a, 2288 DC, Rijswijk, The Netherlands

Zealquest Asia Pte.Ltd.
101, Thomson Road #28-03A United Square Singapore 307591

info@zealquest.com

www.zealquestgroup.eu(NL)
www.zealquest-asia.sg(SG)