



PIPELINE INSPECTION AND REPAIR EXPERT

— **EASY-SIGHT** —



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PIPE INSPECTION AND REPAIR EXPERT

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ENTERPRISE QUALIFICATION





ENTERPRISE INTRODUCTION

Wuhan Easy-Sight Technology Co, Ltd. is a hi-tech enterprise boasting drainage network maintenance, testing equipment, restoration technologies and materials, and a provider of efficient, environment- friendly and smart solution packages for urban drainage networks. Thanks to its years' experiences and focus on production, expertise and research, Easy-Sight now leads pipeline inspection and repair equipment producers around the world and is known as a " pipeline inspection and repair expert" in this industry.

Easy-Sight independent IPR product series, such as pipeline periscope(QV), pipeline CCTV robot, pipeline sonar system, push-rod camera, pipeline electrical leak detector , pipeline special engineering vehicle and trenchless technology UV curing system, are widely applied to infrastructure development including geophysical. prospecting, urban development, municipal construction, national defense, water conservancy and. hydro power.

ENTERPRISE CULTURE

Enterprise spirit

Be realistic, innovative and professional

Corporate purpose

Create the world's best quality test and repair products to provide customers

Management philosophy

Efficient, reasonable, standardized and rigorous

Service concept

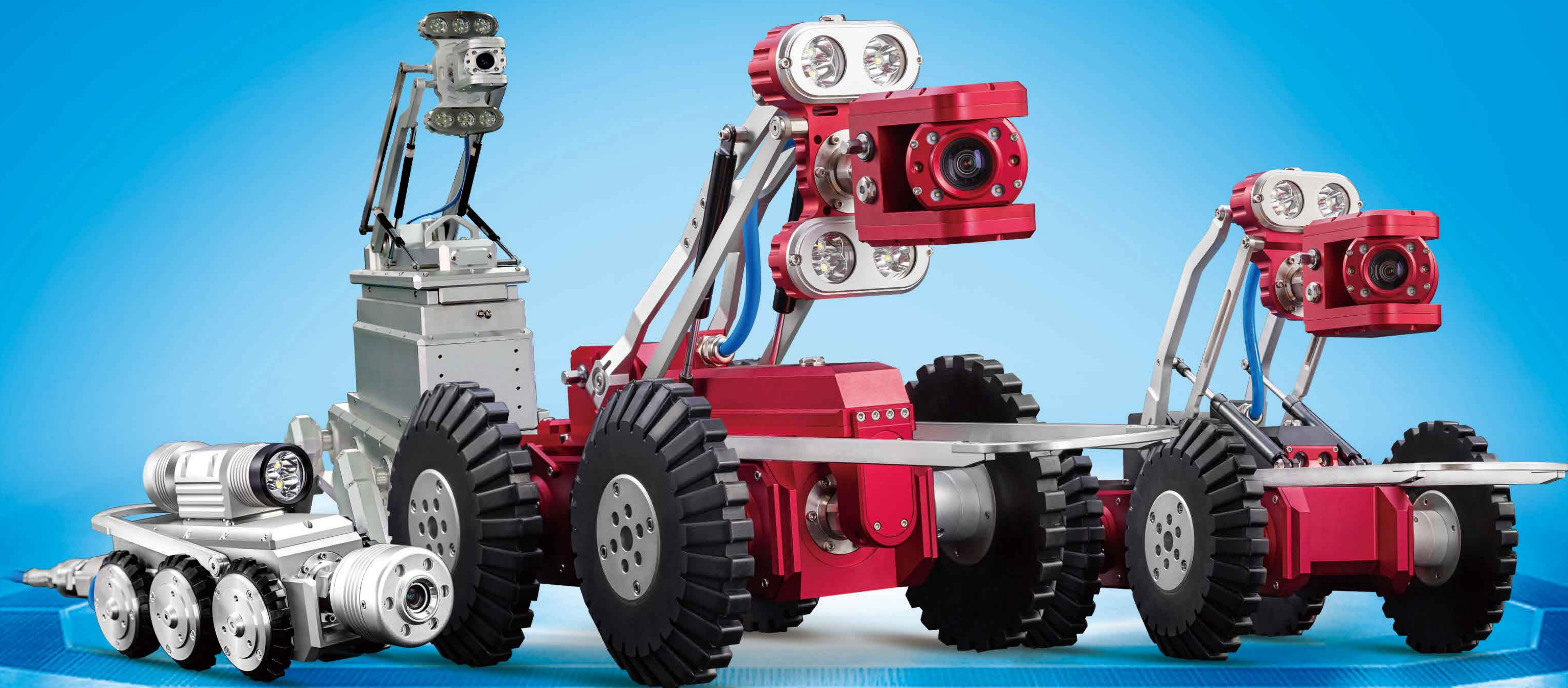
Innovative service quality assurance

Brand promotion

Expert in pipe inspection and repair

PIPELINE CRAWLER SERIES PIPELINE INSPECTION AND REPAIR EXPERT

X5-H



PIPE INSPECTION&REPAIR EXPERT PIPE CCTV INSPECTION ROBOT

X5-HS

- Crawler HS for DN 300 up to DN 1000
- Powerful six-wheel steerable drive
- Rear-facing camera
- Free wheel mode
- Electrically adjustable clutch
- Removable automatic elevator



PIPE INSPECTION&REPAIR EXPERT PIPE CCTV INSPECTION ROBOT

X5-HT

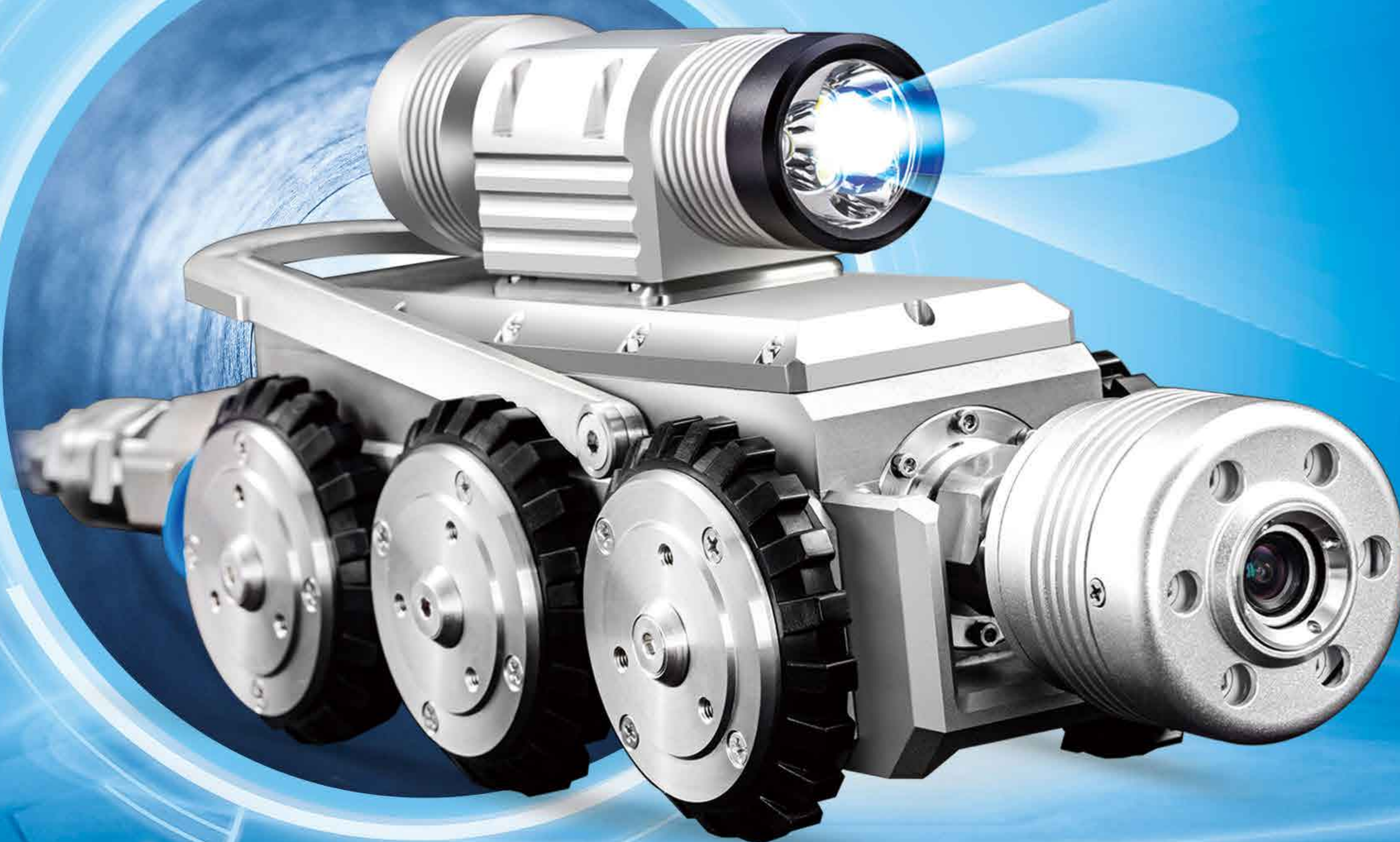
- Crawler HT for DN 300 up to DN 800
- Powerful six-wheel steerable drive
- Rear-facing camera
- Free wheel mode
- Non-removable automatic elevator



PIPE INSPECTION&REPAIR EXPERT **PIPE CCTV INSPECTION ROBOT**

X5-HMA

- Crawler HMA for DN 150 up to DN 500
- 6-wheel-drive(steerable)
- Removable automatic elevator
- Compatible with Axial camera and Pan&Tilt camera



PIPE INSPECTION&REPAIR EXPERT
PIPE CCTV INSPECTION ROBOT
X5-HW

- Crawler HW for DN 800 up to DN 4000 large pipe
- Automatic cable reel up to 2000 metres



MICROSOFT SURFACE TABLET CONTROL PANEL

Microsoft Surface tablet Control Panel contains pipeline inspect multifunctions, Include camera & crawler control, video & image recording, data & text input, variety of measurement tool such as laser based measurement of damages.



AUTOMATIC CABLE REEL

Automatic Cable reel with 300 meters and 150 meters optional cable for X5 inspection system, resistant according to IP63 Power supply 115 to 230V.



TOOLS KIT

The parts can be combined to crawler system and fitting way and according to your needs.

Including 4,6,8 inch wheels, cable guide pulley, wheel extender, lowering device connection cable, mounting material etc.



HD ZOOM PAN & TILT CAMERA

High definition camera (Pan&Tilt), 4 mega pixel, Light sensitive 0.1lux, 10x optical and 12x digital zoom, shutter(manual and automatic), focus(automatic and manual) Tilt position.



HIGH DEFINITION AXIAL CAMERA

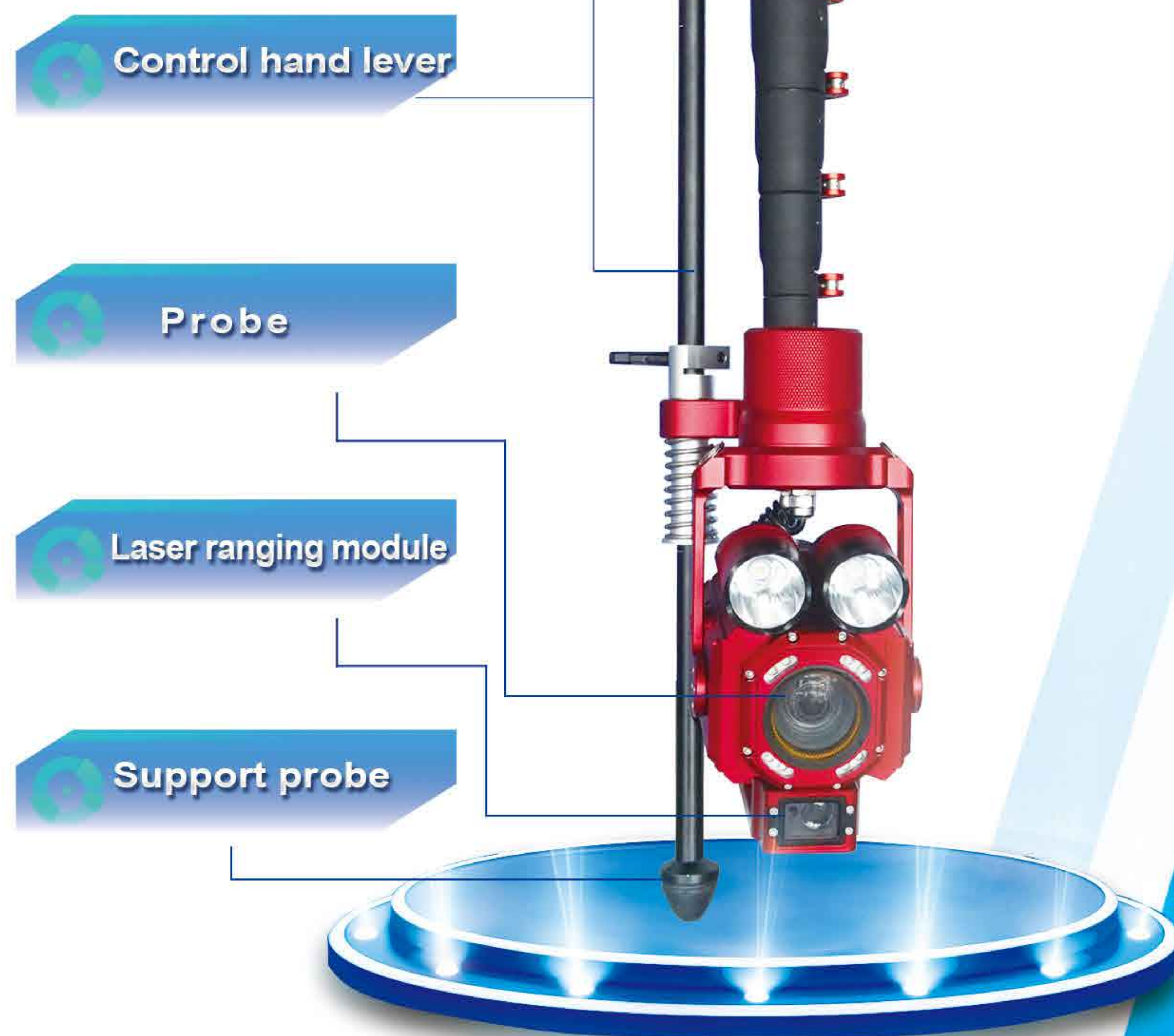
Automatically and manually focus, housing made of aluminium, pressure proof up to 1.7Bar integrated pressure sensor.



JOYSTICKER

Multi-functional control panel in ergonomic design 8 joysticks, (5 axis and 3 push button) to control/steer camera, crawler Light adjustment, and etc.





PRODUCT SPECIFICATIONS

Nominal pipe widths : 100-2000mm

Voltage : DC25.2V

Electrical current : 1.2A

View angle : up 35°, down 25 °

Storage : 128GB

Resolution : 2.1 Megapixels (1920*1080P)

Zoom : 30xoptical

Laser measurement range : 0.2-80m

Laser measurement accuracy : $\pm 0.001m$

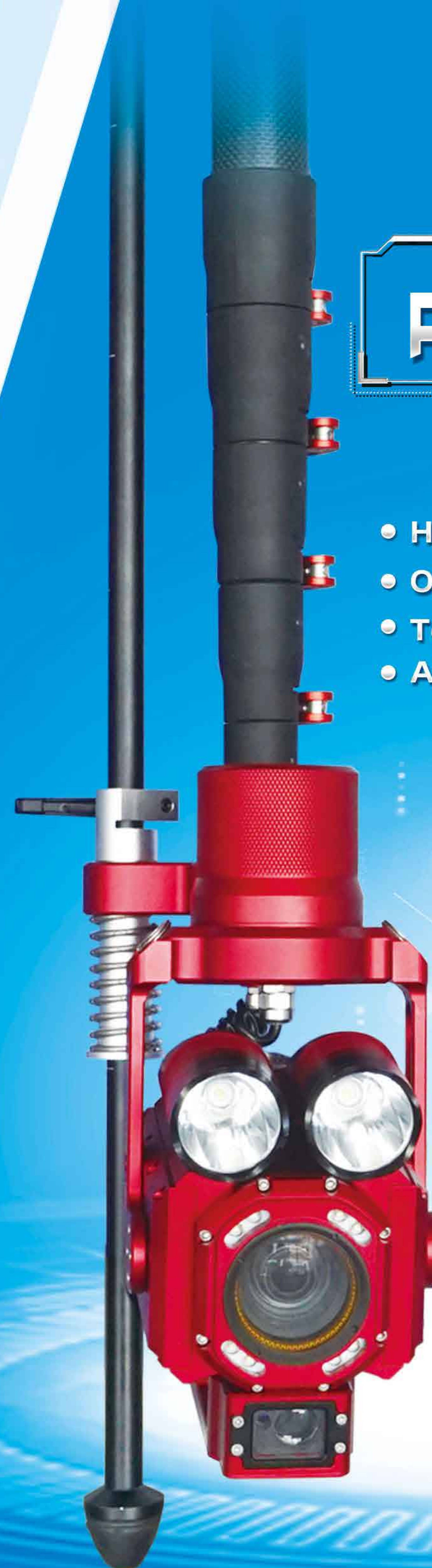
Package dimension : 1362x406x172mm

PIPE INSPECTION&REPAIR EXPERT

PIPE PERISCOPE

X1-H SERIES

- HD video
- Wireless wifi operation
- One button to defog
- Remote inspection
- Touchscreen controls
- Android Phone / Tablet are optional



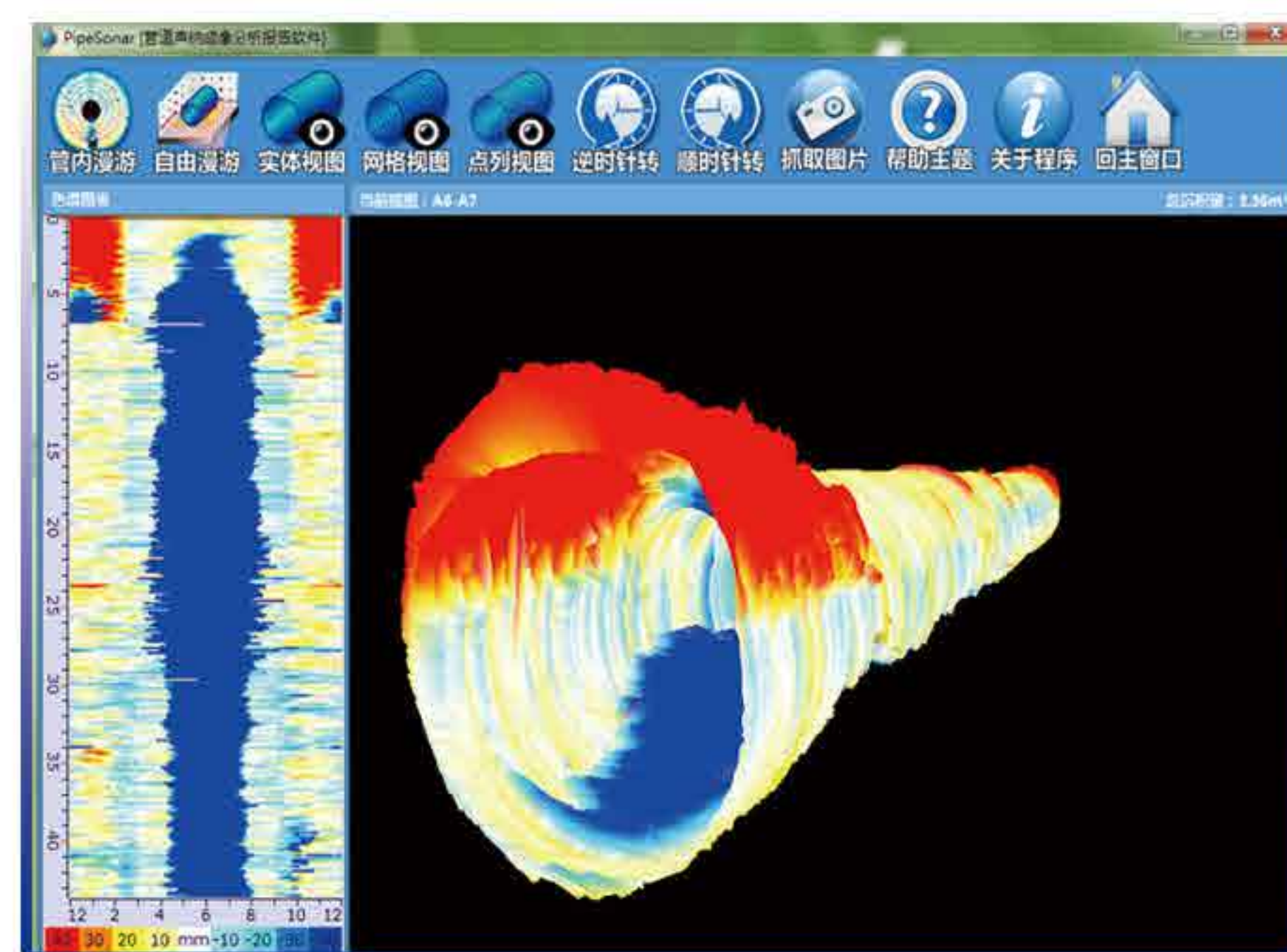
PIPE INSPECTION&REPAIR EXPERT
PUSH ROD CAMERA
X3

RESULT MAP

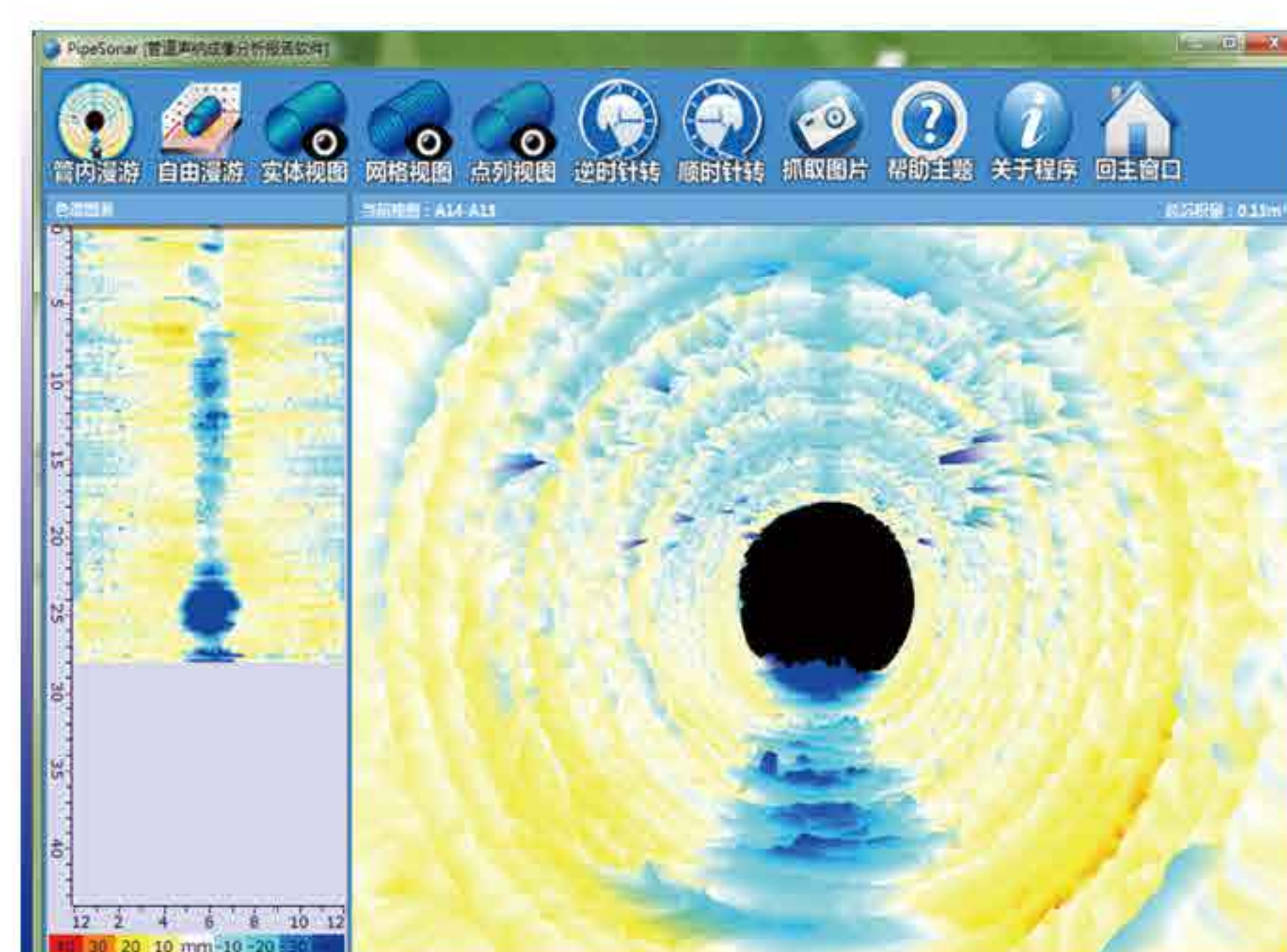


Push rod camera can detect narrow and bent space not accessed by other devices, and it is equipped with a high-performance lithium battery for power supply. It is characterized by wide visible range, clear images, high cost performance ratio, etc.



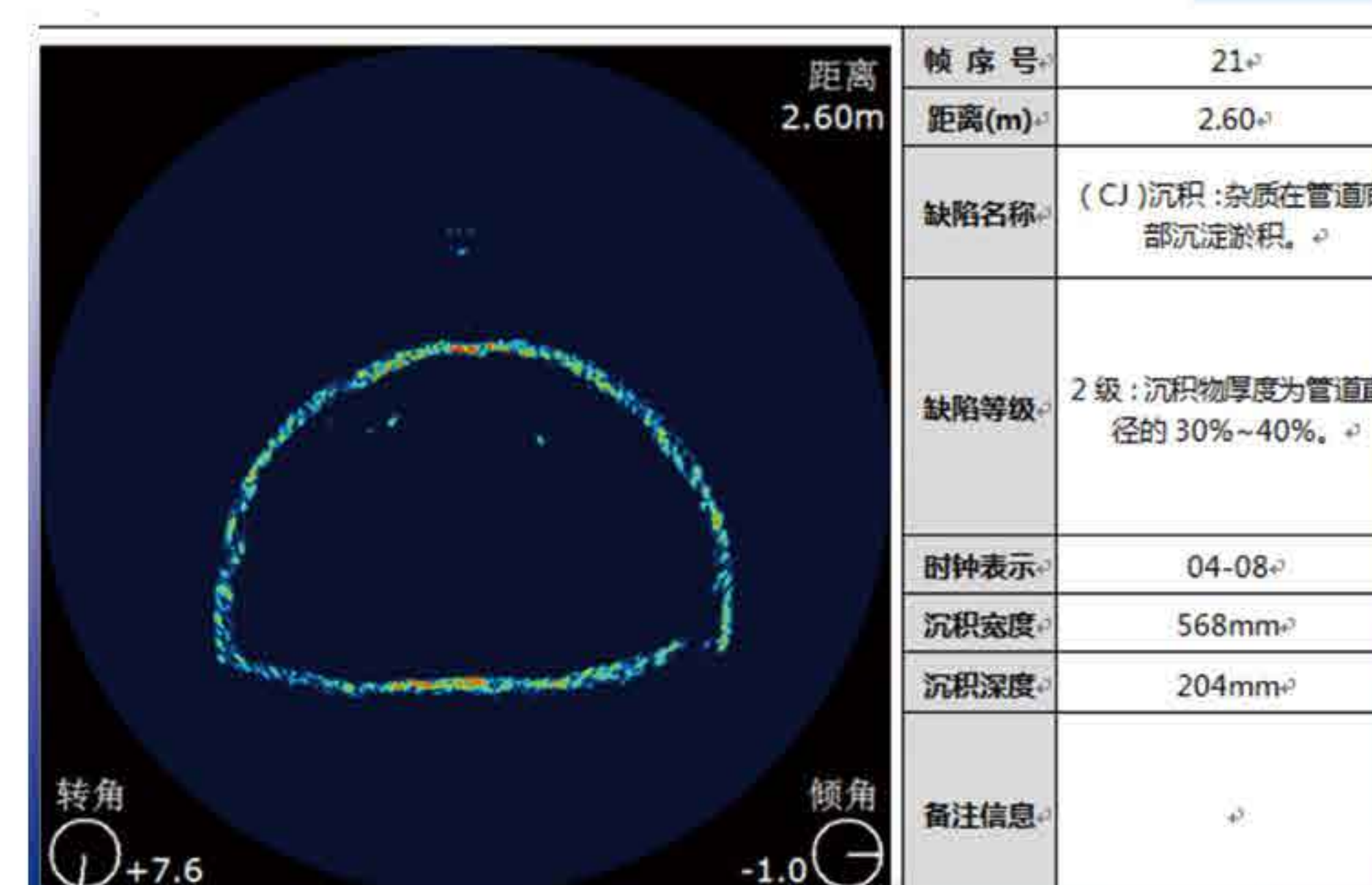


Profile diagram and 3d diagram of pipe



3D pipe rooming diagram

RESULT MAP



Pipe deformation and branch secret joint

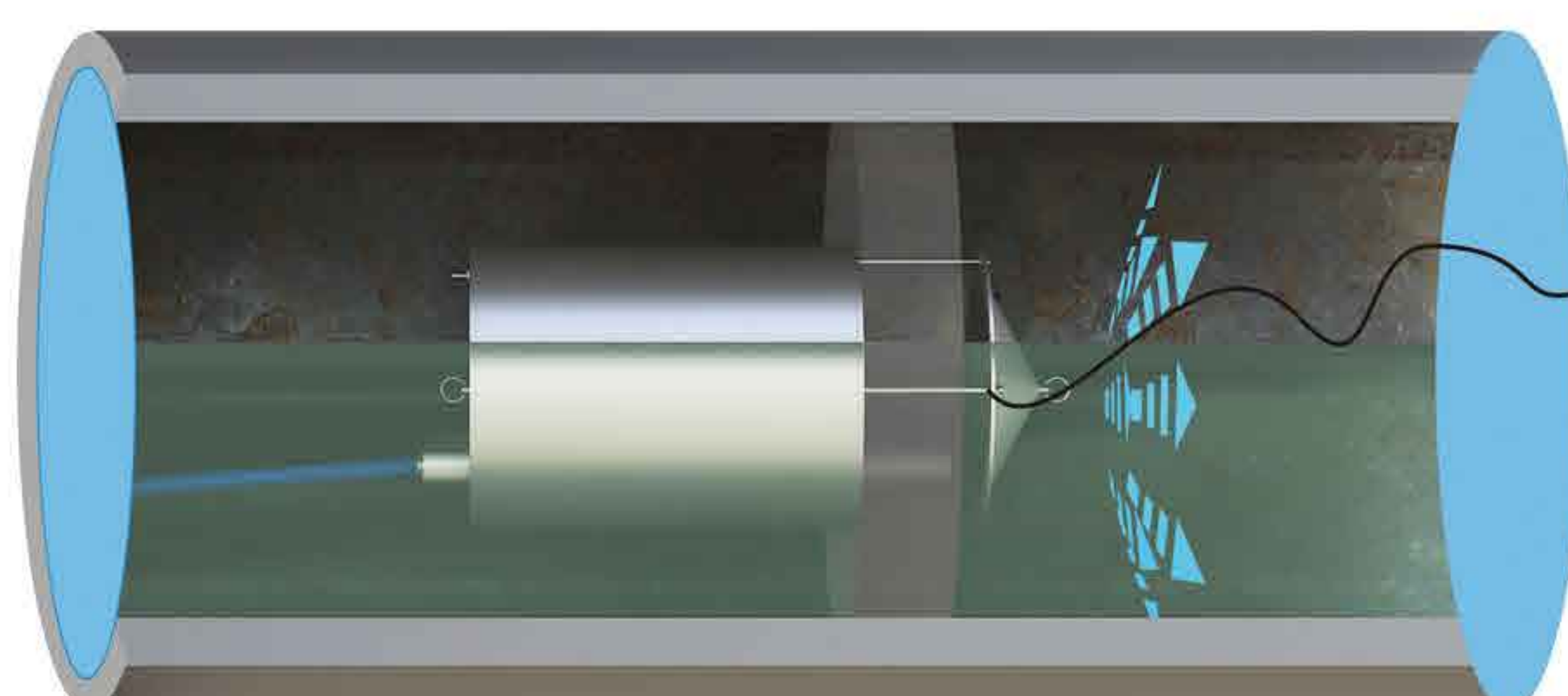
PIPE INSPECTION&REPAIR EXPERT PIPE SONAR INSPECTION SYSTEM

X4

X4 pipeline sonar inspection system performs underwater inspection by transmission sonar waves and receiving echoes, and it is mainly used for the inspection of pipelines full of water. It can get accurate inspection effects for multiple structural defects and functional defects of pipelines, and can perform quantitative analysis. It can be additionally equipped with a floating valve to realize synchronous CCTV and sonar.

Sonar system cable reel can be in common use with X5 CCTV cable reel.

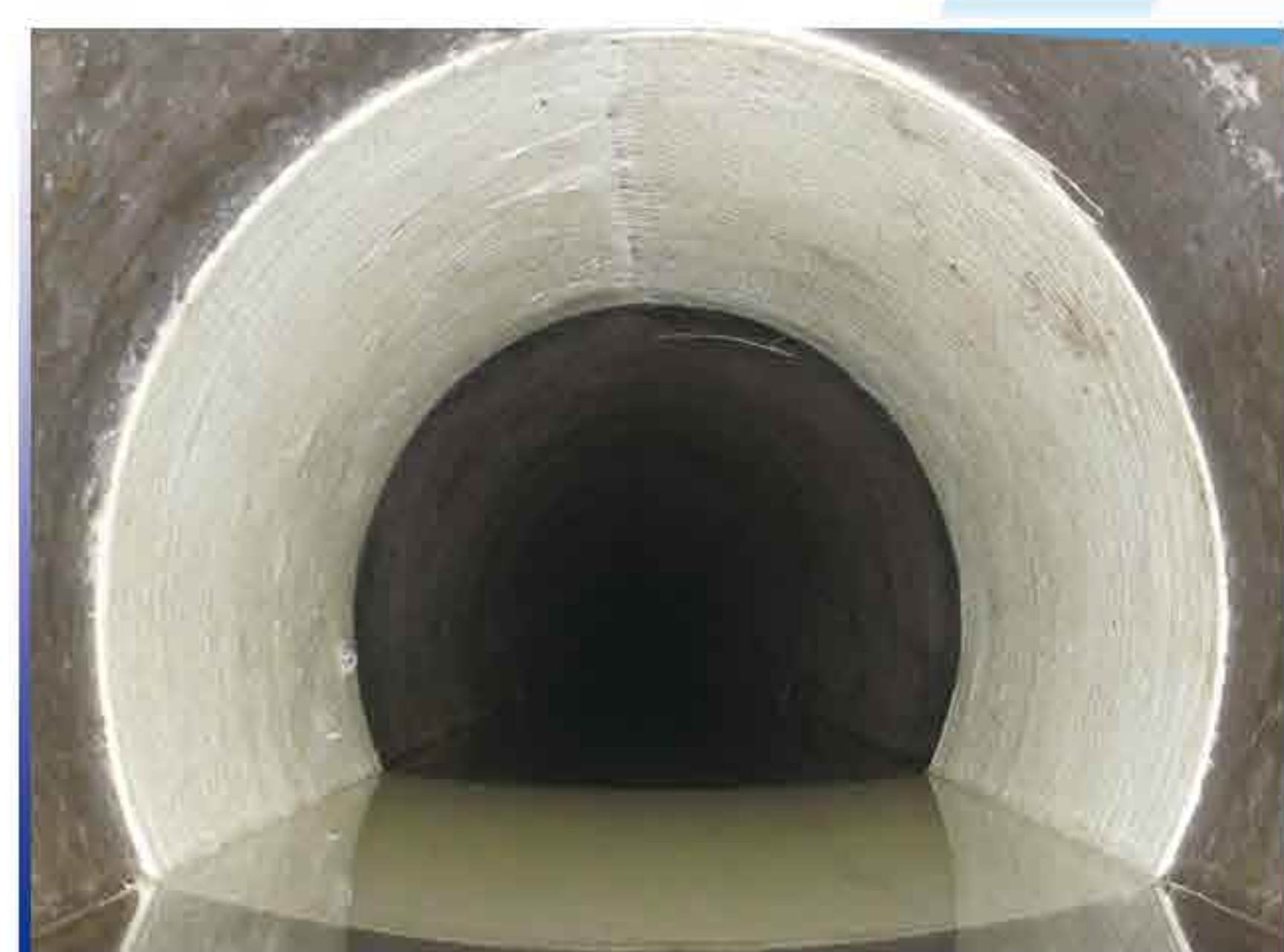
SCHEMATIC DIAGRAM OF PRODUCT



REPAIR CONTRAST DIAGRAM



Before Repair



After Repair

SYSTEM COMPONENTS

- Control unit for UV light and compressed air
- 50 meters hose reel
- 3 units UV packer DN 200-600
 - 1*UV packer DN200-300
 - 1*UV packer DN300-450
 - 1*UV packer DN400-600
- 2*UV lamps, each packer

PIPE INSPECTION&REPAIR EXPERT CONTROLLABLE UV PATCH SYSTEM

X120-D

- Curing time of only 8 minutes
- Accurately positioned to the repair spot
- 5.5-inch sunlight OLED screen, real-time monitor
- Accurately positioned to the repair spot



REPAIR CONTRAST DIAGRAM



Before Repair



After Repair

SYSTEM COMPONENTS

- Configuration UV System DN 200-1600
- Mobile control system
- UV light train with LED light, service life more than 50000 hours
- Wheel set
- UV curing camera (temperature resistant)
- Packer-sets
- Spare part and service set

PIPE INSPECTION&REPAIR EXPERT CIPP UV LIGHT CURING REPAIR SYSTEM

X120-UV

- Digital transmission, real-time monitoring , automatic voltage stabilization
- High integration, generator power supply only
- Short curing time and high speed
- LED curing , low energy consumption, no pollution



EASY SIGHT SEWER CAMERA NOZZLE OFFERS OUR CUSTOMERS THE ABILITY TO CLEAN SEWER AND STORM LINES WHILE RECORDING UPRIGHT IMAGE VIDEO.

THE EASY-SIGHT SYSTEM QUICKLY DETERMINES THE NEED FOR FURTHER LINE ASSESSMENT WITH YOUR CRAWLER CAMERA CREW, SAVING TIME AND MONEY.

NOZZLE

- Applicable pipe diameter: above 250mm
- Effective transmission distance of wireless signal: 100m
- Battery life: more than 8 hours
- Video: 200W color hd
- Signal transmission: wireless
- Weight: 20 kg
- The high-pressure water flow is 160L/min, and the maximum working pressure of the high-pressure pump is 120bar

PIPE INSPECTION&REPAIR EXPERT SEWER PIPE CLEANING CAMERA NOZZLE

PT-C

- Simultaneous completion of drainage pipe cleaning and video inspecting
- Wireless transmission technology, no cable
- Add humanized wiper function, can remove fog and mud, make detection video more clear



DATA COLLECTION AND MANAGEMENT SOFTWARE FOR FIELD AND OFFICE

EASY-SIGHT

PIPESIGHT PIPELINE CONDITION ASSESSMENT SOFTWARE

Easy-Sight's CCTV camera system comes installed with "PipeSight" pipeline condition assessment software. This software meets the data collection, analytical, defects identification requirement and reporting format established by WRc and PACP.

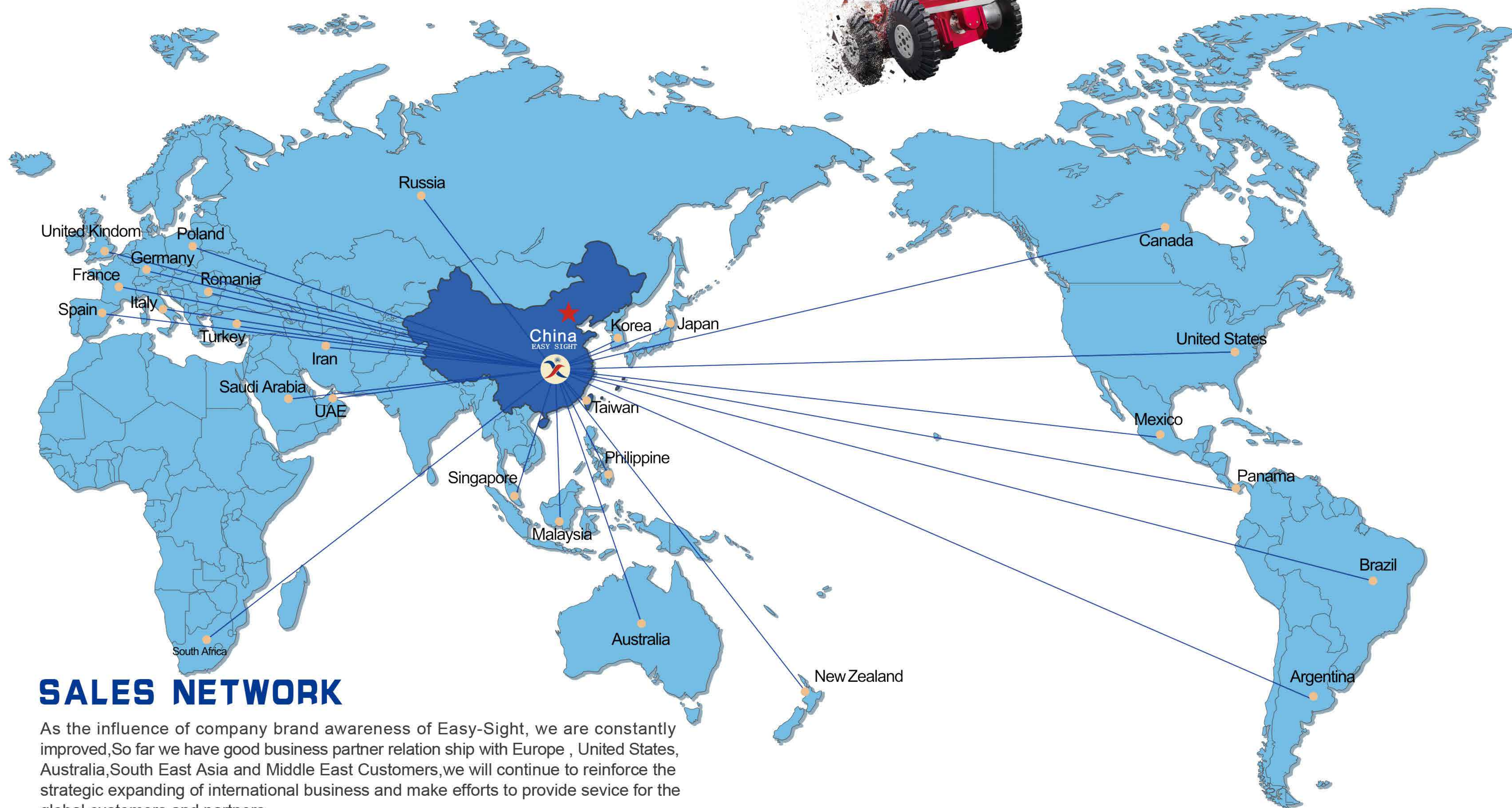
Easy-Sight operating system is compatible with current WRc and NASSCO PACP certified software.



wrc



**PIPELINE INSPECTION AND REPAIR
EXPERT**



SALES NETWORK

As the influence of company brand awareness of Easy-Sight, we are constantly improved, So far we have good business partner relation ship with Europe , United States, Australia, South East Asia and Middle East Customers, we will continue to reinforce the strategic expanding of international business and make efforts to provide sevice for the global customers and partners.

Easy-Sight has always insists on the concept of international operation, cumulative plenty of brand resources and established favorable partnership over the year with the business covering various brands.