

## GO5-HT Pipeline for CCTV Detection Robots



The GO5-HT Pipeline CCTV Detection Robot is a high-resolution pipeline CCTV Detection Robot that can use a personal laptop computer or special controller as main control. A laptop computer or special controller is connected to other parts of the system. Wireless (wired) means displaying and saving high-definition detected video in real time. During the testing process, you can quickly obtain defect images and get test reports immediately after the test is complete. Additionally, the pipeline slope curve can be obtained in real time during the detection process to determine the internal deposition of the pipeline.

### **Scope:**

Urban (industrial) drain pipes, water pipe culverts, general culverts, cable trenches, tunnels

### **Product overview**

The GO5-HT Pipeline CCTV Detection Robot is a high-resolution pipeline CCTV Detection Robot that can use a personal laptop computer or special controller as main control. A laptop computer or special controller is connected to other parts of the system. This means displaying and saving high-definition detected video in real time via wireless (wired).

You can quickly obtain images of defects during the testing process and immediately obtain test reports after the test is complete. Additionally, the pipeline slope curve can be obtained in real time during the detection process to determine defects. Internal deposition of the pipeline.

GO5-HT Pipeline The CCTV detection robot consists of four parts: a crawler, lens, cable tray and a control system. Over time, the crawler can be equipped with a variety of lenses (e.g., rotating lenses, direct lenses, fisheye lenses). (eye lens), via cables connected to the control system, respond to control system operation commands such as forward, backward, steering, stop, speed adjustment, rising, descending, lighting adjustment, etc. Horizontal or vertical rotation, focus, doubling, front and rear switching, etc. During the detection process, the control system can view, record and enter images returned by the video and crawler status information in real time. Comment information through the touch screen.

## Product Features

1. Control System Configuration: Any laptop computer with built-in collection and analysis software can be used as the control system.
2. Cable length: The standard cable length is 150 meters.
3. Optimal application pipe diameter: 250mm~1200mm;
4. Receive and Drop Line Matching: Automatic line matching for maximum protection for reptiles and cables.
5. Video Display: Adjustable front and rear video and display resolution at the same time.

## Technical specifications

### Digital HD

2MP HD quality, dual video display before and after on one screen Display, free switch.

### Wireless Control and Transmission

Master Control Wireless Control combines with a mobile network for cloud data interaction.

### Drive powerfully

The crawler is independently driven by six wheels, rotates 360 degrees on the spot, with a central transition wheel increasing barrier capacity. Motor shutdown and automatic protection circuit against overcurrent Voltage, stronger stability; the center of gravity design is reasonable to effectively prevent rolling, with a maximum slope resistance of 40° and a maximum slope climbing capacity of 45°.

## Overlaying letters

Supports multiple languages, number and character identification entries, and graphics stack comments.

## On-site evaluation report

The test process reads screenshots in real time, outputs test and evaluation reports that comply with industry standards and specifications, and provides a wealth of report templates.

## Support Software

Pipe is pre-installed on the main controller CCTV Pipeline Detection and Evaluation Reporting Software. Control robots, video surveillance video, enter detection records, read screenshots, automatically evaluate, calculate, and output detection rating reports that meet industry and regional standards.

If you are interested in this product, please feel free to contact us.