GO5-HR All-terrain pipeline robot

The GO5-HR All-Terrain Pipeline Robot is suitable for traditional CCTV detection robots such as: Sludge Can be used for urban drains, box culverts, culverts, river channels, etc.

Scope:

Urban drains, box culverts, culverts, river paths

Product overview

The GO5-HR All-Terrain Pipeline Robot consists of three parts: a spiral propulsion crawler, a cable tray, and a display and control terminal. Suitable for traditional CCTV detection robots such as. Sludge With DN 600mm or higher and high water levels, it can be used in urban drains, box culverts, culverts, rivers, etc.

Product Features

1. Innovation and promotion, dexterity and lightness.

2. Strong durability, continuous operation;

3. Convenient control, save time and effort.

4. Universal equipment, saves worry and effort.

5. Simultaneous detection and integrated transmission;

Technical specifications

Applicable environment

1. Pipe or box culvert with pipe diameters greater than 600mm.

2. In a semi-water environment, the water level must be 200mm or more, and the water level must be 300mm or more by digital sonar detection.

3. Silt environment.

Wiring length

Standard floating cable 350m (2050m floating cable can be customized);

Drive powerfully

The crawler is a two-axis propeller, with the current environment being a maximum speed of 0.5 m/s and the reversed water environment being a maximum speed of 0.2 m/s.

Super long power supply

A 32.9AH battery is standard equipment.

General

GO 5H Series Pipeline CCTV Detection Robot Universal Cable Panel with Lens.

Expanding functionality

Equipped with sonar probe: Acquires the inner wall contours and deposition states of some of the underwater pipeline simultaneously during CCTV detection, achieving underwater CCTV detection and underwater sonar synchronous detection.

Equipped with a positioning probe rod: Works with a pipeline detector to accurately identify current pipeline defect locations.

Equipped with 2D laser: synchronously acquires the profile of pipe interior walls above the water surface during the CCTV detection process, creating pipeline models combined with sonar.

Equipped with IMU units (gyroscopes): All-terrain pipeline precisely locate the robot and combine it with two-dimensional lasers, sonar and other data to determine the vent coordinates.

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