

GO1-H5 Integrated Pipeline Periscope



The GO1-H5 Integrated Pipeline Periscope System consists of hardware equipment and PipeX1H Pipeline HD Periscope Data Collection Software. During the discovery process, you can record and store internal images of detected objects in real time.

Scope:

Urban (industrial) drainage pipes

Water pipe culvert

Comprehensive Pipe Gallery

Cable trench

tunnel

Product overview

The GO1-H5 Comprehensive Pipeline Periscope Series is primarily used for rapid detection and diagnosis of internal conditions in industrial containers and pipelines. A camera probe with a light source can be installed in a pipe or industrial container via an operating lever for clear viewing. Detect structural and functional defects in pipes and containers. It solves the existing industry problems of "deep well radio transmission" and "antenna interference." The depth reaches 30 meters and data can be collected within 60 meters of the well. There is little delay and high definition and smooth image.

The GO1-H5 Integrated Pipeline HD Periscope System consists of hardware equipment and PipeX1H Pipeline HD Periscope Data Collection Software. During the discovery process, you can record and store internal images of detected objects in real time. During the recording process, you can quickly capture and save defective images, or enter text information from the keyboard to display and save them on the video image. The integrated main controller makes it highly integrated, compact, lightweight, and high performance. Suitable for battery power, easy installation, field mobile work environment.

PIPEMONITOR Drainage Pipeline When combined with the live broadcast surveillance platform, it enables features such as equipment management, remote viewing of field videos, playback of operating point tracks, and workload statistics.

Product Features

1. Suitable pipe diameter: DN300mm or more.
2. Control type: Wireless control;
3. The distance accuracy is $\pm 0.001\text{m}$.
4. The distance range is 0.2m to 80m.
5. It can react with over 300 VOC gases.
6. Total gas concentration value output, detection range: 0-500ppm, display value resolution: 0.1ppm;
7. Check the ambient temperature digital output with an accuracy of 0.01°C .
8. Double Zoom: 30x optical zoom, automatic or manual focus.

Technical specifications

Digital HD

4 million pixel HD quality, wide dynamic range, and intelligent autofocus.

One-key anti-fog

A lens with electric heating and rapid anti-fog function.

Real-time monitoring

It supports online remote video live broadcasting, allowing for accurate positioning of real-time scenes.

Long distance and wide area detection

High definition imaging, high magnification, high brightness detection light source, internal environment of the pipeline, and actual effective observation distance is 40-80 m (affected by the reflective characteristics of the pipe and the diameter of the pipe).

Reading on-site

The main control acquisition software can enter detection information in the field, interpret and save real-time screenshots, import videos into evaluation report software, and generate detection and evaluation reports directly.

Improvements

CCTV detection videos of pipelines and test wells can be matched with professional photogrammetry software through 3D reconstruction and quantitative analysis of real-world sites.

Support Software

Equipped with PipeSight Pipeline Detection Video Evaluation Report software, it can read and play evaluation report output, and archive output data according to engineering classification for disk archives and GIS system data hangs.

Equipped with PIPEMONITOR Urban Drainage Pipeline Live Broadcast Big Data Monitoring Platform, it can deliver equipment management, field video remote views, operation point track playback, workload statistics and other features.

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