X1-H Pipeline periscope Technical Parameters

（Picture for reference only, ，Please in kind prevail ）

Product Overview:

X1 -H pipeline periscope is mainly used for quick testing and diagnosis of internal conditions of industrial container or pipeline. It can record and save internal image of tested object during the testing, while it can catch the saved defect images rapidly, or input characters by keyboard, overlap-display and save them in the video during recording, defect codes can be logged in by functional key. With high degree of integration as well as portability, built-in high performance battery is used for power supply, which is suitable for outdoor mobile work environment.。

X1-H is used to rapidly detect and accept, generally investigate and assess drainage pipes , determine and analyze testing videos to form testing reports and direct-view electronic maps by "PipeSight pipeline testing video determination report software

Technical parameters ：

Name Of component	Qty(set)	Technical Parameters and Descriptions
※Main controller	1	1. Storage capacity: 4GB memory + 32G solid state drive; 2. Display: 8.1 "highlight the touch screen, the screen resolution of 1280 * 800; 3. Control: touch control zoom , main and auxiliary light brightness, lens rotation and so on; 4. Screenshot: rapidly catch and save defect images; 5. Playback: browser and play back video files or pictures; 6. Text Input: through the soft keyboard to enter Chinese, English and Japanese and other text messages, superimposed display and save the video screen, support for multi-language ; 7. Work time: continuous working time ≥ 8 hours, provide power instructions; 8. Positioning: comes with GPS function, able to obtain the current detection position; 9. Interface: USB interface, TF card interface; 10. Others: with WIFI, Bluetooth, 3G network and other functions; 11. Connection: wireless connection with the probe; 12. Protection: Probe protection class IP68, long-term immersion in water depth of 10 meters;　controller protection class IP67,　effectively prevent the invasion of dust, can be soaked in 1 meter depth for 30 minutes and anti-drop and vibration; 13. Weight:less than 700g;
※ Camera probe	1	1. Applicable environment: urban rain, sewage, interflow pipelines as well as urban water supply, industrial wastewater pipelines, etc; 2. Pipe diameter used for:100mm~2000mm； 3. Lighting: the main and auxiliary light source design; 4. Image resolution: PAL, 2.1 million pixels; 5. Host connection: wireless connection with the host; 6. Other connections: with Android ,ios and other mobile phone wireless connection, video recording, storage, focus, zoom and other operations; 7. Power supply: battery-powered, removable battery, a single battery life of 3 hours (the brightest light source), comes standard with three batteries; 8. Waterproof standard: IP68 ; 9. Weight: less than 3kg.
Laser distance-me asuring	1	1. Distance-measuring precision: ±0.001mm； 2. Distance-measuring range: 0.2m~80m；

module		3. Data display: real-time measurement, ranging results displayed in the video screen;
※Standard control rod	1	1. Material：Carbon fiber; 2. Telescopic: nested telescopic design, strong fixed joints, the total length after total stretch is 5.5m; 3. Connection: through the thread, can be quickly extended; 4. Height adjustment: support rod length is 0.8m, with scale, integrated probe height of the fine-tuning elastic device, the end with a rubber buffer ball; 5. Weight: less than 3kg.
※Extension pole	1	1. Material ： Carbon fiber; 2. Telescopic: nested telescopic design, strong fixed joints, the total length of the total stretch is 5.1m; 3. Connection: through the threaded connection with the standard control rod, extension rod can be connected with another extension rod; 4. Weight: less than 2kg.
※Construction packing case	1	1. Strength: integrative high-strength construction packing case; 2. Portability: it is equipped with tension rod and wheels so that it is portable for carrying; 3. Assembly: probe and supporting rod to assemble one way, can be packaged into the box as a whole, on-site without demolition assembly;
PipeSight pipeline testing video determination report software	1	1. It is applied to play back, browser and add testing information, shoot defect images and add determination descriptions, etc； 2. It is used to form determination result data into an image-character testing report (including project information, project overview, defect distribution schematic, testing equipment introduction, operation flow schematic, defect statistics, detailed defect chart, etc); 3. It can be used to export determination result data as universal ShapeFile interface data for GIS platform; provide electronic map lookup function, mark the positions of testing operation spots on the electronic map, look up the corresponding testing data, determination information, defect images and testing videos of operation spots; 4. It can be used to export a defect distribution map as grid format for data reporting and reading.