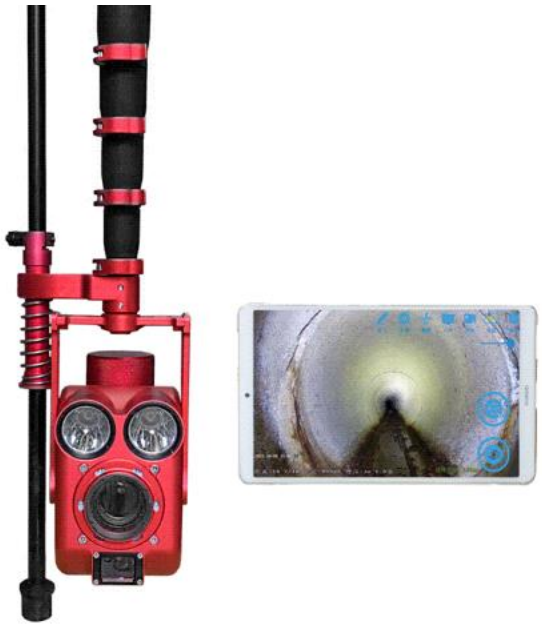
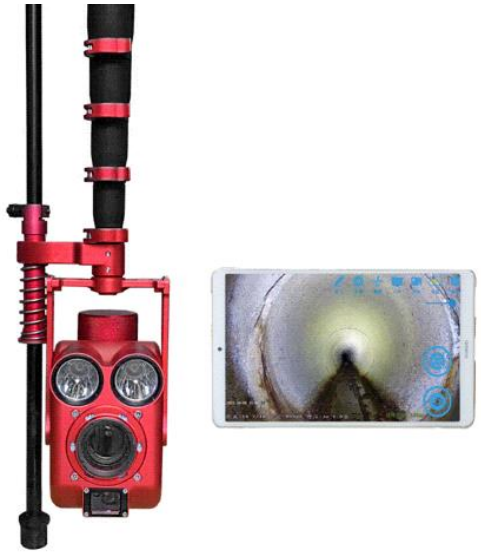
EASY-SIGHT

X1- P1 Pipe Periscope

- Brief Introduction
- Specification



Brief Introduction for X1- P1



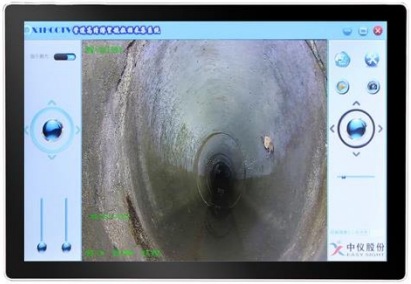
X1- P1 pipe periscope is mainly used for quick detection and diagnosis of internal conditions of industrial container or pipeline. By putting the camera probe with light into the pipeline or industrial container through the operation pole, the functional and structural defects within the container or pipeline can be clearly detected.

The new technology solved the puzzle in sewer industry, such as wireless deep well transmission, antenna interference, etc. The detection depth can be up to 15 meters, and data can be collected smoothly with high definition and fluency around 50 meters' area.

X1- P1 pipeline periscope is consist of equipment and data collection software. It can record and save internal image and video during the detection,and it can catch and save defect images rapidly, or input characters by keyboard, overlap-display and save them in the video during recording. Built-in high performance battery is used for power supply, which is suitable for outdoor mobile work environment.

Specification

Main controller

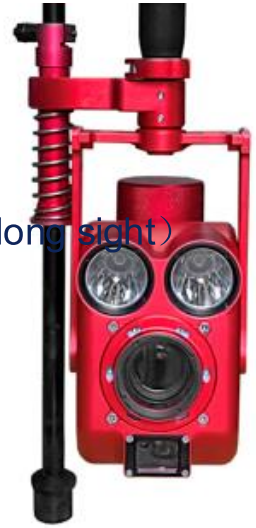


- Storage capacity: 4GB Running memory + 128G solid state drive
- Display: 8.4" touch screen, screen resolution 2560 * 1600
- Main controller wifi connection with the system
- Screenshot: rapidly catch and save defect images
- Playback: browser and play back video files or pictures
- Text Input: through the soft keyboard to input info, superimposed display , support for multi-languages
- Work time: continuous working time ≥ 8 hours
- Interface: Type C
- Protection: controller protection class IP67, effectively dustproof
- Weight: less than 320g

Specification

Camera Probe

- Suitable for pipe diameter DN100mm~DN2000mm
- Working Temperature: - 20℃~ 50℃
- Lighting: can move along with camera probe, up 60°, down 30°. With main and auxiliary lightings. Main lighting is 10W LED with spotlight cup. There are 6x3W LED as auxiliary lightings with floodlight design. Main and auxiliary lighting is independ, effective irradiation distance is 1- 50meters
- Image sensor：Color 1/2.8 Progressive scanning CMOS
- Image resolution：PAL. • Camera angle：horizontal 58.4°(wide-angle) 2.3°(long sight)
- Zoom：30x optical，manual or auto focusing
- Luminous sensitivity (minimum illumination): 0.01LX
- Adaptation: one click to defog, one click to center the len
- With laser measurement module, distance measuring precision: ±0.001mm, distance-measuring range: 0.2m~80m
- Data display: real-time measurement, results displayed on the video screen
- Waterproof: IP68, long-term immersion in water depth of 10 meters
- Weight: about 2.45kg



Specification

Standard Control Pole

• Made of carbon fiber material (compression resistance is 10 times of normal rolled steel)

• Nested telescopic design, strong fixed joints, the length of total stretch is 4.8m

• Two standard extention poles are provided. One single extention pole is 0.8 meter after contraction, and 1.5 meter after extention. Quick connection design, and can be up to 15m at most

Support Pole

• Carbon fiber material, 0.8m length

• Height can be adjusted, with rubber cushion ball at the buttom

• Disassembly free design, can be put into package case directly

Specification

Construction Packing Case

- Strength: integrative high-strength construction packing case
- Portability: it is equipped with tension rod and wheels so that it is portable for carrying
- Dimension: 1362mm* 380mm* 210mm