

Drain Inspection camera

General information about CCTV Surveys of Sewers and Drain Inspection with Self Leveling Color Camera AD-P2009RC:

This unit features a self leveling camera head which view and capture every detail of your inspection. The camera head features a compact (38mm dia) detachable design which is completely waterproof(IP68) and contains 12pcs super bright adjustable LED lights to provide consistent illumination. The light intensity can be easily controlled to avoid flaring, and the sensitive CCD chip is protected by a thick scratch-proof sapphire glass.

The 7" LCD color screen with control panel with video and image capture of your inspections saved directly to any SD memory card. And the state-of-the-art battery packs provide 5hours of continuous operation. Included in the set is 2 specially designed centering roller skids, to ensure that the camera is placed directly in the center of the pipe. Optional cable lengths for the push rod range from 40 meters to 60 meters. Meter/foot counter shows the cable length which you push into pipe on the screen. Text edit(text editor) also show on the screen and can be keep in the video when recording.

Optional:

Wireless English Keyboard optional: text input shows on the screen and can be keep in the video when recording.

The sonde(transmitter) optional: The 512Hz sonde transmitter built-in the camera head for location, it can work with any receiver that can receive.



Technical specification of the device:

Camera Head:

- Self leveling camera
- Camera size: $\varnothing 38\text{mm} * 81\text{mm}$
- Sensor size: 1/3 inch sony CCD, 480TVL
- Focus Distance: 20cm (approx)
- Depth of field: 100cm (approx)
- View angle: 120°
- Camera light: adjustable 12PCS white LEDs
- Camera work current: 100M ;
- Camera power supply: DC 12V
- Total Pixels: PAL: 720X576; NTSC: 720X480
- Camera glass material: sapphire glass
- Camera shell material: 304# stainless steel

Screen & DVR Control Panel:

- Size: 7inch 16:9 super bright high-definition LCD color screen with sunshade
- OSD language: 9 language (English, German, French, Spanish, Italian, Chinese, Japanese, Russian, Portuguese)
- Digital clock and digital calendar
- Video Resolution: PAL 720*576FPS, NTSC 720*488 30FPS Max
- Video Encoding: H. 264
- Photograph: 720*480/720*576
- Audio Recording: Local Sound
- Out Put: TV and Audio output
- External Memory: Support SD memory Card, up to 32GB
- Data Output: USB2.0 to PC
- LED Driver: Built-in Dimmer
- Play Back: Video, Photo and Audio
- Power Supply: DC 12V input
- Current Consume: 7.4v 4400mAh Li-ion Battery
- Life Time: 6hours
- Charge time: 8hours

Cable Reel:

- Wire material: fiberglass rod
- Fiberglass length: 60m (standard), 60m to 120m optional
- Fiberglass diameter: $\varnothing 9\text{mm}$
- Fiberglass color: yellow
- Cable wheel material: Stainless steel
- Distance counter: meter/foot optional, accurate to 0.1m or 0.3ft, it shows the
- cable length which you push into pipe on the screen



Text Editor :

- text edit also show on the screen and can be keep in the video when
- recording

Skids :

- 2 pieces (72mm roller skid, 120mm universal skid)

Power supply :

- DC12V / 12V 4400mah Lithium Battery

The others parts :

- Screwdriver, Power adapter, connect cable, remove conrol, car charger, operating manual

