

Screw Type CCTV Inspection Robot



ASTRA SYNTECH

X5-HR4



X5-HR4 screw type CCTV inspection robot consists of screw type floating crawler, cable reel with floating cable, P&T camera, Microsoft Surface Tablet as main control, and tool kit.

Specialist in High-Definition Sewer Inspection System and Cloud-based Sewer Software

Cable reel

- IP63, water splash proof
- 7mm Kevlar floating cable
- Motorized cable drum
- Wireless LAN communication
- 1mm resolution counter
- Dimension: 570 x 395 x 475



Screw type gator

- Min. for pipe diameter 600mm
- 1 hour battery life
- 4 front LED lights and 1 back LED light
- 15kg
- 0.5m/s speed (1.8km/hr)
- Sonar inspection (optional)

Camera

- 10x optical zoom, 12x digital zoom
- 1/3" 2M Pixels CMOS
- 360° rotation, 180° tilt up and down
- Auto-focus, manually adjustable
- IP68 pressurized airtight



Sonar (Optional)

- IP68
- Aluminum alloy shell
- Acoustic frequency: 1MHz
- Beam width: 1.1deg (-3db), conical beam
- Range resolution (0.125m range): 0.5mm
- For Max. pipe diameter: 6000mm
- Transmitting pulse width: 4~20us
- Receiving bandwidth: 500KHz



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