CAMTEK
SURVEILLANCE PRODUCTS
For all your drain camera needs

INSPECT. RECORD. REPORT.

CAM150HX

CCTV pipe inspection crawler system



BOTH HEADS + LIFT BOOM + 300 m CABLE INCLUDED

Inspect sewer and drainage networks with one adaptable system. The CAM150HX combines a six-wheel-drive crawler, interchangeable 1080p camera heads, powered cable handling and portable battery power.

140-3,000 mm

Across configured pipe ranges

10x optical zoom

On the red PTZ camera head

PipeVision

Reporting software included

Small-head configuration: 140-800 mm without the lifting frame. Lifted configuration: 300-3,000 mm with the appropriate head and wheels. Access depends on clearance, bends, deposits and site conditions.

01 / TWO CAMERAS INCLUDED

Choose the view for the job.

Swap camera heads to suit the pipe and the level of detail required.





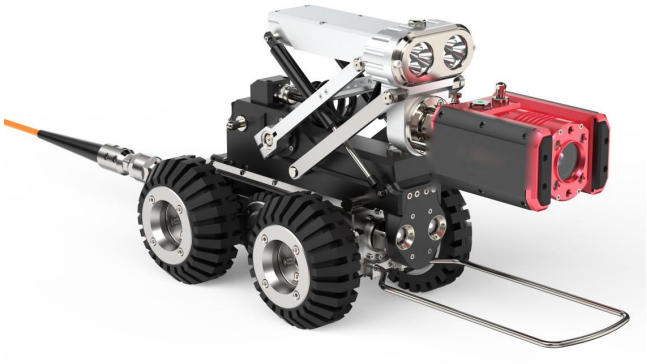
Feature	Silver static head	Red PTZ head
Included in the kit	Yes	Yes
Image resolution	1920 x 1080 (2 MP)	1920 x 1080 (2 MP)
View / movement	Fixed forward view	Continuous 360-degree rotation; 90 degrees up and 90 degrees down
Zoom	No zoom	10x optical + 12x digital
Focus	Autofocus	Autofocus with manual adjustment
Weight	0.6 kg	1.9 kg
Dimensions	100 x 75 x 75 mm	171 x 105 x 88 mm
Lighting	6 x 3 W floodlight LEDs	Four LEDs
Additional features	Compact detachable design	One-touch reset; IP68; built-in pressure sensor and indicator

02 / ADAPTABLE HARDWARE

One crawler. Two setups.

Both camera heads and the detachable lifting boom are supplied with the package.





COMPACT CONFIGURATION

140-800 mm pipes
Fit the small silver head without the lifting frame for access to smaller pipelines. The head provides a fixed forward view with autofocus and no zoom.

LIFTED CONFIGURATION

300-3,000 mm pipes
Fit the lifting boom and suitable camera arrangement for larger pipelines. The red PTZ head lets the operator look around the pipe and zoom in on details.

Configured for field inspection
Six-wheel-drive crawler with interchangeable 3-inch, 4-inch and 6-inch wheel sets. Detachable rear-view camera, main and auxiliary lighting, and chamber-pressure monitoring support operation from the surface.

Select the head, wheels and lift arrangement for the actual pipe. Nominal diameter alone does not guarantee clearance through bends, obstructions or deposits.

03 / OPERATION & SOFTWARE

From live inspection to report.

PipeScan operating software and PipeVision reporting software are both included.

PipeScan	PipeVision
Control the crawler, camera, lighting and compatible reel functions. View front and rear video, record inspections and capture still images.	Review recorded inspection video, capture defect images and document observations. Evaluate findings and generate inspection reports.
Enter project details, monitor distance and equipment status, and set wheel diameter for the inspection.	Organise projects and inspection videos, annotate defects and export reports using the installed templates.





300 m powered cable reel
Supplied with 300 m of inspection cable, automatic cable organisation, powered rewind and manual winding capability. Wired network and Wi-Fi connectivity support surface control.

Portable battery power
Battery power supply and charger included for inspection work away from a mains connection.

Software functions depend on the installed version and connected hardware. Sensor-dependent functions such as locating, laser measurement, panorama analysis and pipeline tracing require the appropriate configuration.

04 / WHAT IS INCLUDED

A complete inspection package.

The supplied heads and lifting boom are included equipment, not optional extras.

Included equipment	Description
CAM150HX crawler	Six-wheel-drive inspection platform
Silver static camera head	1080p, autofocus, fixed forward view; no zoom
Red PTZ camera head	1080p, 10x optical / 12x digital zoom; pan and tilt
Detachable lift boom	Raised camera arrangement for larger pipes
Cable and powered reel	300 m inspection cable; powered cable handling
Interchangeable wheel sets	3-inch, 4-inch and 6-inch wheels
Control unit	Operator interface for crawler and camera operation
Portable power	Battery power supply and charger
PipeScan software	Crawler operation and inspection recording
PipeVision software	Video evaluation and report generation

Local support from Camtek

Camtek provides workshop repairs, parts support and assistance with your inspection equipment. Contact us to discuss the pipe sizes and operating requirements for your project.

The accepted quotation records the final controller, battery specification, accessories, warranty and delivery details. Operating instructions and confirmed pressure limits must be followed before deployment.