

NEW HD Mainline Inspection System!

VOYAGER™ HD DETAILS

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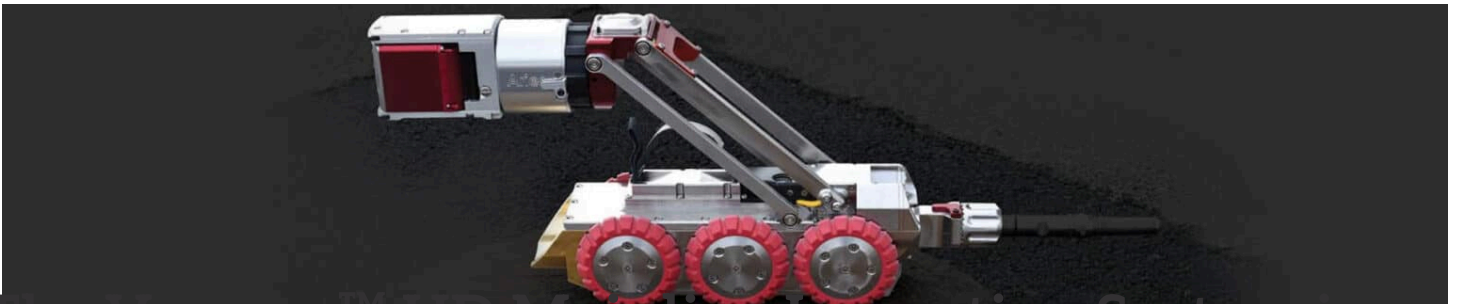
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# inspection SYSTEM



The Voyager™ HD Mainline Inspection System is a high definition video system for inspecting mainlines relined 6" – 48" and up. The complete system includes a powerful transporter, a full HD 1080p WiperCam camera, and 1200' cable reel – controlled by CANbus technology for instant



crawler and camera response. Components are operated by an ergonomically advanced dual joystick controller and reel-mounted pendant.

[DOWNLOAD THE ARIES VOYAGER HD BROCHURE](#)



## Transporter

The Voyager's powerful tractor easily navigates pipes relined 6" – 48" and larger. Digital CANbus controls



## WiperCam Camera

Compact HD 1080p pan and tilt video camera with 120x zoom captures every pipe detail. Built-in Aries lens wiper


provide instant crawler and camera response. The tractor is equipped with a rear-viewing HD camera and an integral motorized lift to center the camera in a range of pipe sizes.

## Controller & Pendant

The all-in-one dual joystick controller operates the reel, tractor, and camera. Advanced ergonomic design for operator comfort and responsiveness. Control components at the manhole with the handheld pendant.

technology maximizes time in the pipe. Optional dual camera lasers ensure accurate crack measurement.

## Reel

Truck-mounted reel, with Aries Cable Management System has 1200' of 6-conductor cable. Simple reel termination, one-button downrigger deployment and spring-loaded retractable cable rollers simplify operation and maintenance 

# Voyager™ HD Mainline Inspection System Features

## Crawler

- ✓ Crawler fits pipes re-lined 6" – 48" and larger
- ✓ Standard motorized camera lift with internal gearing
- ✓ Digital CANbus controls for instantaneous crawler & camera response
- ✓ Autonomous time-saving functions such as auto-drive to waypoints & auto-retrieve
- ✓ Tool-less camera attach/detach with rugged connector
- ✓ Tool-less cable attach/detach
- ✓ Tough, reflective Kevlar lift strap with deployment loop
- ✓ HD backup camera

## Camera

- ✓ Pan & tilt, 120x zoom HD camera captures and transmits excellent quality, HD video

(1080p x 1920p)



- ✓ In-the-pipe Aries WiperCam lens cleaning system with field-replaceable wipers
- ✓ Optional dual camera lasers for accurate crack measurement
- ✓ Front camera bumpers

## Desktop Controller

- ✓ Ergonomic controller with keyboard and dual joysticks
- ✓ Responds to multiple controls simultaneously
- ✓ Graphical crawler roll-angle display
- ✓ Rollover risk alerts
- ✓ Loss of seal integrity alerts with proactive internal pressure, temperature & humidity monitoring
- ✓ Crawler speed display
- ✓ Future: Ability to record in standard definition

## Pendant

- ✓ Control tractor, reel & camera at the manhole with handheld pendant



# Cable Reel

- ✓ Truck-mounted reel with 1200 ft of 6-conductor cable
- ✓ 1200-pound brake strength
- ✓ Simple 6-wire resinless cable termination
- ✓ Cable management with electronic clutch responsive to crawler movement
- ✓ Street-accessible reel controls with emergency stop
- ✓ Quick one-button downrigger deployment
- ✓ Level wind with footage counter
- ✓ Precisely adjustable drum tension control

## Related Products and Accessories



## ARIES INDUSTRIES, INC COMPANY

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