

# ARIES

INDUSTRIES, INC.

## VOYAGER™ HD MAINLINE INSPECTION SYSTEM

HIGH DEFINITION  
**VOYAGER™**  
BY ARIES INDUSTRIES



Detailed HD Video Capture

Responsive & Powerful

Advanced Technology



raising the bar UNDERGROUND

# See more clearly.



## Voyager™ HD Mainline Inspection System

The Voyager™ HD System powers through debris and steers past obstacles to capture detailed, high-definition video of mainline conditions. The system combines a durable tractor, HD 1080p WiperCam camera, and 1200' cable reel—operated by a CANbus controller for unmatched responsiveness.

**DESIGNED & BUILT**  
BY ARIES INDUSTRIES





## Clarity

The critical element of any inspection is the quality of the video captured underground. The compact Voyager™ HD WiperCam Camera delivers unmatched clarity to ensure no detail is missed.

- Pan and tilt 1080p HD video camera
- 120x zoom capability
- Built-in lens wiper technology

## Power

Debris and obstacles are no match for the rugged and responsive Voyager™ HD Transporter. Its all-wheel drive and instantaneous response give you complete control underground.

- Rear-viewing HD camera
- Multiple wheel configurations and integral camera lift
- Auto-drive to waypoints and auto-retrieve

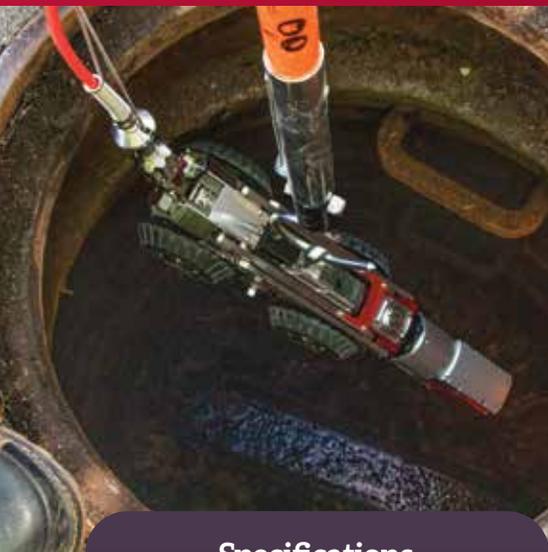
## Control

Operate every element of the Voyager™ HD Mainline Inspection System with a single, ergonomically advanced joystick controller. The digital CANbus controller delivers instantaneous crawler and camera response, while the handheld pendant allows for operation right at the manhole.

## Access

Getting there is half the battle. From fully-customized high cube trucks to the TrailBlazer mobile enclosure, we make sure you can take your HD inspections wherever you need to go. Once on the job site, 1200' of cable extends your reach and minimizes set ups.





# Voyager™ HD Mainline Inspection System

Making the most of every minute in the field is our number one goal. That's why the Voyager™ HD Mainline Inspection System was built to withstand the toughest environments, while also being easy to operate and maintain. We minimized set ups with 1200' of cable and we back up the Voyager™ HD Mainline Inspection System with Total Support. That means you have a team of industry veterans ready to answer questions, train your team, complete repairs or ship out parts from our U.S.-based facility.

## Specifications

### Overall System Specifications:

- Includes: Controller, Crawler, Camera, Reel

#### Desktop Controller

- Digital CANbus controls for instantaneous crawler & camera response
- 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
- Control tractor, reel & camera at the manhole with handheld pendant

#### Crawler

- Crawler fits pipes relined 6"-48" and larger
- Standard motorized camera lift with internal gearing
- 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

#### Cable Reel

- Truck-mounted reel with 1200' of 6-conductor cable
- 1200-pound pull strength
- Simple 6-wire reel 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



## ARIES

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