

SENTINEL

Portable Inspection System

See what you're missing.

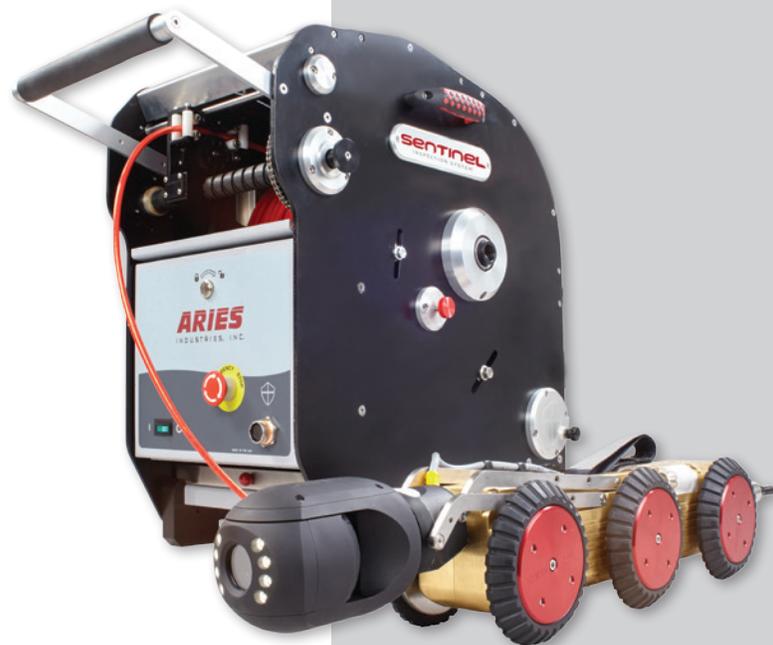
Compact Sentinel provides clear video for accurate mainline assessments in difficult-to-access locations

The integrated Sentinel Inspection System combines a lightweight reel, a quick set-up tractor and a state-of-the-art camera. A hand-held controller with an 8.4-inch LED screen provides convenient all-in-one operation.

The Pan & Tilt camera with a manual lift keeps the camera centered for wide-angle inspection in 8- to 36-inch pipes. The Sentinel was designed with minimal parts providing long service life and low-maintenance.



All-in-one hand-held or desktop controller



SENTINEL
INSPECTION SYSTEM

AN INTEGRATED PORTABLE SYSTEM

- » Easy to set-up and use with great operator control
- » Lightweight cable reel for easy transport
- » Versatile tractor for use in 8- to 36-inch pipes
- » Camera with auto-focus and 40:1 zoom for detailed images
- » All-in-one control unit for hand-held or desktop operation

SENTINEL

Portable Inspection System

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Compact system for efficient mainline inspections

The Sentinel is an integrated system with all components operated by an all-in-one controller. A compact, lightweight reel is easy to transport for use in hard-to-access locations. The tractor operates in 8- to 36-inch pipes, with various wheel sizes and a Large Line Kit.

Tractor for Quick Set-Up

The non-steerable Sentinel tractor features a manual lift to keep the camera centered in the pipe. The tractor sets up quickly for standard operation in 8- to 15-inch pipes. A Large Line Kit and an auxiliary light allow inspections in pipes up to 36 inches. A simple design increases field serviceability.



Lightweight Cable Reel

The Sentinel reel is fabricated from aircraft-grade aluminum alloy for high strength and light weight. The unit includes 700 feet of cable. Threaded connections eliminate pigtails and strain reliefs. The reel features an emergency stop, a manual crank in the event of power failure, and a water-resistant electronics compartment.



State-of-the-Art Camera

The Sentinel captures high-quality video with its Pan & Tilt camera featuring:

- Auto focus and white balance for a quality image
- A 40:1 optical zoom captures fine detail
- Bright, efficient LED arrays surrounding the lens provide well-illuminated images in pipes to 24 inches
- A 512 Hz beacon helps locate the camera during inspections



All-in-One Control Unit

The Sentinel system is operated with a convenient controller that can be hand-held or mounted on a desktop. The easy-to-use unit operates the reel, tractor, camera and lights for fast pipeline assessment. The controller features an 8.4-inch LED screen and internal DVR with snapshot photo capture.



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