



# QL-S190DHD Pipe Inspection Robot

DUAL DIGITAL HD CAMERA PIPELINE INSPECTION SYSTEM



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- The QuakeLogic QL-S190DHD is a professional crawler-based pipe inspection robot designed for sewer, drainage, municipal utility, and industrial pipeline inspections. Equipped with front and rear HD cameras, 360° pipe scanning, wireless tablet control, IP68 protection, GPS positioning, and automatic cable reel synchronization, the system provides reliable real-time inspection and accurate pipeline condition assessment in harsh underground environments.



## ✓ Technical Specifications:

• System Type:	• Dual HD Camera Pipeline Inspection Robot
• Application Range:	• DN200 mm – DN3000 mm
• Camera System:	• Front and rear digital HD cameras
• Camera Rotation:	• 60° axial / 270° radial
• Zoom:	• 10× optical / 16× digital
• Control:	• 10.8-inch wireless tablet terminal
• Drive System:	• Six-wheel drive crawler
• Climbing Ability:	• Up to 40°
• Protection Rating:	• IP68
• Cable Length:	• Standard 120 m, customizable
• Lifting System:	• Electric "X" type lifting frame, 200 mm range
• Positioning:	• High-precision GPS
• Lighting:	• High-brightness LED illumination
• Defogging:	• One-button defog function
• Measurement:	• Electronic meter encoder; optional laser width measurement
• Operating Time:	• 8–10 hours battery life



## ✓ Key Features:



- Dual front and rear HD camera inspection
- 360° pipe wall scanning capability
- IP68 waterproof and dustproof construction
- Six-wheel drive with up to 40° climbing ability
- Wireless tablet control for field operation
- Automatic cable reel synchronization
- GPS positioning and real-time distance measurement
- One-button defogging and optional laser width measurement



# Advanced Pipe Inspection & Sewer Assessment Solutions

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## Corporate Headquarters

QUAKELOGIC INC.  
2008 Opportunity Dr. Suite 130  
Roseville, CA 95678, USA

Available Monday - Friday, 9 AM -  
5 PM PST

## Executive Support Line

**+1 (916) 899-0391**

Direct support for pipe inspection,  
sewer assessment, crawler operation,  
and field maintenance applications.

## Strategic Inquiries

**[sales@quakelogic.net](mailto:sales@quakelogic.net)**

For pipe inspection robots, sewer  
assessment systems, crawler  
platforms, municipal utility  
inspection, and industrial pipeline  
applications.

## Our Commitment to Advanced Pipeline Inspection Solutions

### Precision Pipe Inspection

Delivering accurate and reliable  
HD pipe inspection, defect  
detection, distance measurement,  
and reporting performance for  
sewer and utility applications.

### Advanced Crawler Performance

Providing dual HD camera  
inspection, 360° pipe scanning,  
wireless tablet control, automatic  
cable reel operation, and smooth  
field workflow.

### Dedicated Technical Support

Ensuring reliable operational  
support, application guidance,  
setup assistance, and after-sales  
service for pipe inspection and  
crawler operation.

## Scan to Explore Pipe Inspection & Sewer Assessment Solutions



### Explore QL-S190DHD Capabilities and Pipe Inspection Applications

Discover how QL-S190DHD supports HD pipe inspection, sewer assessment, defect detection, and long-distance pipeline monitoring for municipal, utility, and industrial applications.

**[www.quakelogic.net](http://www.quakelogic.net)**