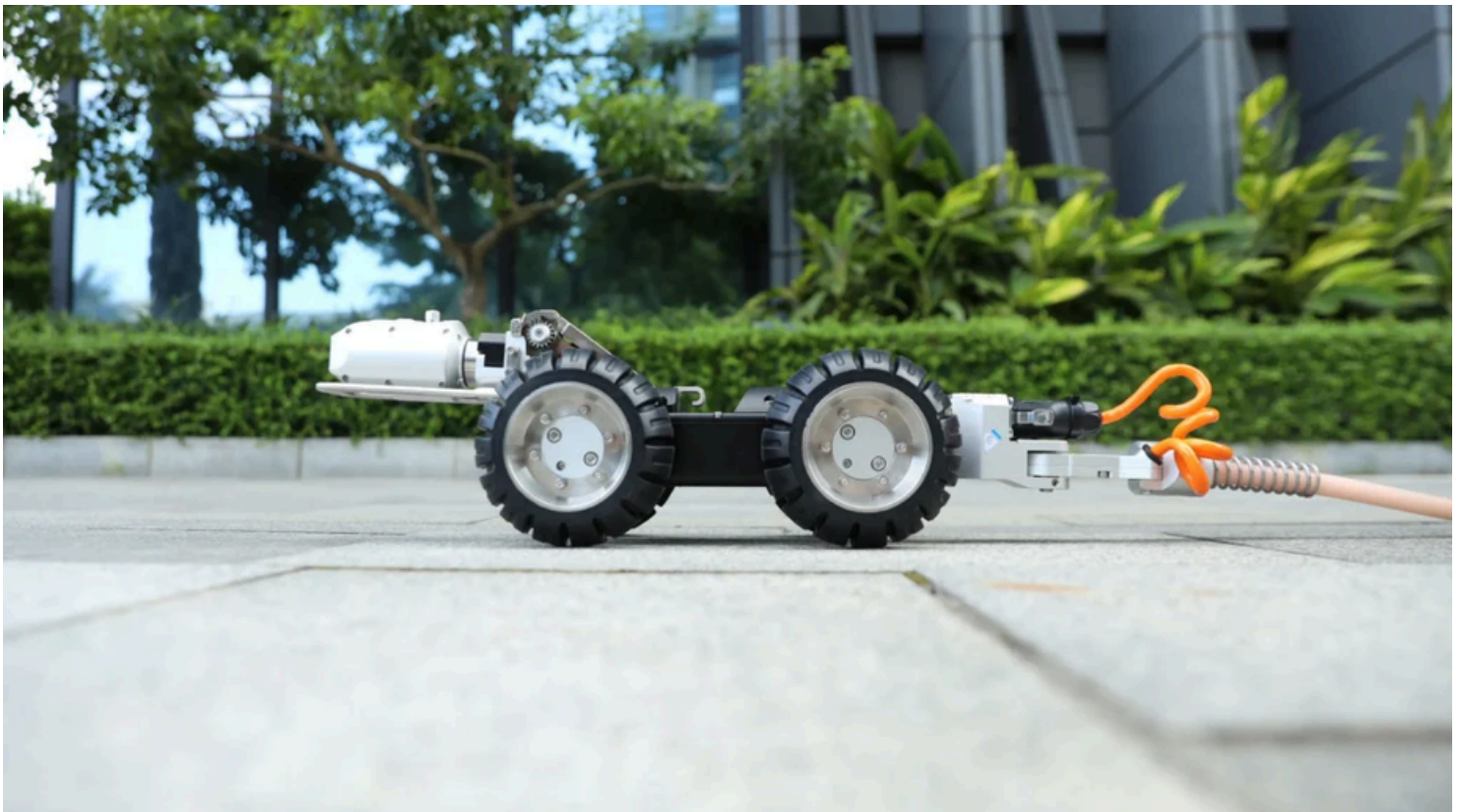


 **QUAKE**LOGIC

# QL-S100C Pipe Inspection Robot

COMPACT HD PIPELINE INSPECTION SYSTEM



# QL-S100C Pipe Inspection Robot

## COMPACT HD PIPELINE INSPECTION SYSTEM

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- The QuakeLogic QL-S100C is a compact pipe inspection robot designed for sewer, drainage, utility, and industrial pipeline inspections in smaller pipe diameters.
- With its lightweight 35 cm body, 4.5 kg structure, HD camera system, tablet control, IP68 protection, GPS positioning, and long battery life, the system allows efficient single-operator inspection in DN100 mm to DN1200 mm pipelines.



## ✓ Technical Specifications:

|                         |   |
|-------------------------|---|
| • System Type:          | • Compact HD Pipeline Inspection Robot    |
| • Application Range:    | • DN100 mm – DN1200 mm                    |
| • Robot Length:         | • 35 cm                                   |
| • Robot Weight:         | • 4.5 kg                                  |
| • Camera System:        | • Front 210W pixel digital HD camera      |
| • Camera Rotation:      | • 360° axial / ±90° radial pitch          |
| • Zoom:                 | • 10× optical / 16× digital               |
| • Controller:           | • Portable tablet terminal                |
| • Drive System:         | • Four-motor drive                        |
| • Climbing Ability:     | • Not less than 30°                       |
| • Protection Rating:    | • IP68                                    |
| • Cable Length:         | • Standard 120 m                          |
| • Lifting Frame:        | • 50 mm lens lifting range                |
| • Positioning:          | • High-precision GPS positioning          |
| • Distance Measurement: | • Absolute encoder with real-time display |
| • Lighting:             | • Main and auxiliary LED illumination     |
| • Defogging:            | • Optional one-button defog function      |
| • Width Measurement:    | • Optional laser width measurement        |



## ✓ Key Features:

- Compact body for DN100 mm pipe inspection
- Lightweight design for single-operator use
- HD camera with 360° axial rotation
- IP68 waterproof and dustproof protection
- Four-motor drive with 30° climbing ability
- Portable tablet-based control system
- GPS positioning and real-time distance measurement
- Standard 120 m cable with automatic/manual reeling



# Compact Pipe Inspection & Sewer Assessment Solutions

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## Corporate Headquarters

QUAKELOGIC INC.  
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Roseville, CA 95678, USA

Available Monday - Friday, 9 AM -  
5 PM PST

## Executive Support Line

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

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

## Strategic Inquiries

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

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

## Our Commitment to Compact Pipeline Inspection Solutions

### Precision Pipe Inspection

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

### Compact Crawler Performance

Providing HD camera inspection, 360° camera rotation, tablet control, automatic/manual cable reel operation, and smooth field workflow.

### Dedicated Technical Support

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

## Scan to Explore Compact Pipe Inspection Solutions



### Explore QL-S100C Capabilities and Compact Pipe Inspection Applications

Discover how QL-S100C supports HD pipe inspection, sewer assessment, defect detection, and small-diameter pipeline monitoring for municipal, utility, and industrial applications.

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