

Sewer Video Inspection Services: Functions and Benefits

[Rooter-Man](#) of South Carolina is a plumbing services provider based in the [Charleston, South Carolina](#) region. In addition to basic plumbing activities such as [repairing kitchen sink leaking](#) issues, Rooter-Man offers its customers video inspection services. This advanced method is a powerful advantage to both residential and commercial customers, as it allows for unprecedented efficiency, safety, and affordability in the detection of leaks and other [plumbing problems](#). Combined with Rooter-Man of South Carolina's long-established reputation for courteous, expert plumbing service, video inspection helps customers in the company's service area save money and restore their plumbing to full operational capacity as quickly as possible.

Video Inspection Services At a Glance

An overview of Rooter-Man's sewer video inspection service begins with the system that it replaces. In the past, a [clogged sewer line](#) usually necessitated extensive digging, destruction of landscaping, and unearthing pipe in order to locate the clog, leak, pipe break, tree root damage, or other issue. Besides the mess and inconvenience of this process, the expense and time requirements are very high. In order to give homeowners and commercial property managers a less costly and less disruptive option, plumbing companies like [Rooter-Man](#) have adopted video inspection technology, which has vastly improved over the past years to become a vital part of the plumbing services toolbox.

Video Inspection Functionality

While a clog, cracked pipe, or tree root problem may be invisible to the homeowner, a sewer pipe camera system allows the plumber to gain visibility inside the pipes themselves in a relatively quick and efficient manner. Here's a look at the equipment that Rooter-Man of South Carolina uses to inspect its customers' lines and how it works:

Camera and Accessories

The basic unit of the sewer pipe video inspection service is, of course, the camera itself. This camera is sized to comfortably fit inside three to four-inch lines, the primary pipe sizes that Rooter-Man

inspects for customers. The camera is manipulated by the technician with the use of a push rod, moving the camera up to 100 feet through the pipe and exposing any cracks, seams between pipes, blockages, or other problems that would otherwise be invisible without digging up the pipes and inspecting them directly.

Selecting a Camera System

While there are a variety of pipe inspection cameras and systems on the market, Rooter-Man of South Carolina has strategically built its specific offering with affordability for the client in mind. For instance, some camera systems offer archiving of video recordings, an element that RooterMan's management decided was not beneficial for the majority of its clients. In addition, in selecting a camera system the company prioritized affordability for the end customer over offering all of the "bells and whistles" that a camera inspection system could conceivably provide. This allows Rooter-Man's technicians to service the vast majority of clients with a basic

Location Beacon

One important feature of Rooter-Man's camera system is the location beacon. For inspections that locate a problem deep within the sewer pipe system, a locator beacon attached to the camera pinpoints the spot where a repair crew should dig in order to access the pipe. Digging a small hole in the yard or breaking up a minimal area of concrete based on the locator beacon's data saves an enormous amount of money compared with exposing a long section of pipe to find the problem.

Camera Service Bundling

Rooter-Man of South Carolina bundles its advanced pipe inspection service along with its sewer line cleaning in order to give customers peace of mind about the condition of their plumbing. Before a cleaning, video inspection lets the technician identify the composition of a clog and determine the best cleaning method. Gaining visibility of the pipe's interior after a cleaning ensures that there are no remaining blockages or other problems that could prompt repeat service calls.

Video Inspection: Fast Facts

- Up to 100 feet of range
- Inspects three and four-inch pipes
- Location beacon pinpoints problem spots

- Spot and identify blockages
- Verify complete removal of clogs

Video Inspection Benefits

By using a camera system, Rooter-Man technicians can see what is inside a client's plumbing system before uncovering the pipes physically through digging. Because there are a number of different common causes of blocked or leaking pipes, each requiring a different solution, this visibility is a major advantage for both the plumbing technician and the customer. Here are a few of the major benefits that this method provides:

Identification of clog or blockage

A sink, shower, or toilet that will not drain usually indicates a clog, but not all clogs are the same. Some clogs are formed from the simple accumulation of debris that has been flushed down the toilet or rinsed down a sink over the course of months or years. Other clogs are the result of a single large object in the pipe (sent down the drain by a curious child, for example) which has become lodged in place. In other cases, a broken pipe or seam between pipes allows dirt and other debris to fall inside and form a blockage. Each of these problems requires a different cleaning method, and with video inspection the technician can quickly identify the nature of the blockage and determine whether to use a snake, hydro jetting, or other strategy to clear the pipe.

Discovery of Tree Roots

Many homeowners are surprised to learn that the trees in their yard can pose a threat to their plumbing systems. As trees grow, their roots spread below the surface of the ground, searching for moisture. Sewer drain lines are always filled with water, and thus tree roots work slowly but constantly to break through the pipe. Clay pipes are particularly vulnerable to tree root damage, but even cast iron pipes are not immune to the surprising force that growing roots exert. Once roots have punctured the pipe wall or made their way through a seam, they lead to leaking and contribute to blockage, as debris is increasingly unable to move past the roots.

Locate Cracks, Sagging, and Other Problems

Although it may be invisible from above the surface, the environment below ground is constantly evolving. Heavy rains, drought, landscaping projects, home renovations, and other activities can all

cause soil to shift, not to mention the normal passing of time. As the soil adjacent to your plumbing system moves, the pipes may suffer damage of many different types. The links between pipes are particularly vulnerable to leaking. However, when the soil beneath a pipe erodes and the soil above it continues to push down, the pressure can cause sagging, deforming the shape of the pipe itself, or outright cracking. The result is often noticeable sogginess and/or a bad smell in the yard, as water and waste escape the pipe into the soil. Locating the precise location of the crack, seam, or sag, however, is very difficult without an advanced tool such as Rooter-Man's camera inspection service.

Avoid Mechanical Digging

Perhaps the biggest advantage of pipe camera inspection for most customers is the ability to avoid completely destroying landscaping in order to locate leaks. Through the use of the camera's locator beacon information, a repair crew can dig a small hole in order to access the problem spot, seal a leak, replace a pipe, or otherwise resolve the issue.

Possible Sewer Line Problems:

- Accumulated debris inside pipes
- Large objects causing immediate blockage
- Cracked or sagging pipes due to soil erosion
- Tree roots breaking pipes and contributing to blockage
- Cracked pipes after a hard freeze causes water inside to expand
- Pipes failing due to age or inferior materials

Video Inspection Service for Your Home or Business

As with any new technology, it is often necessary to explain to potential customers the value of sewer line video inspection. It can appear to be an added expense with little benefit in the event that an inspection shows no clogs, leaks, or cracks in the plumbing system. However, spotting a developing problem before it leads to a major sewage leak below the surface of the landscaping or, worse yet, a reversal of sewage into the home itself, can save the property owner thousands of dollars.

Rooter-Man of South Carolina: Plumbing Services You Can Trust

Video inspection of sewer lines is just one of the many services that [Rooter-Man](#) of South Carolina offers to residents and business owners in the Lowcountry region. Potential customers who are

experiencing a toilet leaking from tank, a slow draining shower, a clogged kitchen sink, or who suspect that there is a leak in their exterior plumbing can call Rooter-Man at [843-402-7799](tel:843-402-7799) or visit their website at <https://rootermansc.com/>. Through camera inspection, hydro jetting, and other modern plumbing technologies, Rooter-Man's expert technicians have earned a strong reputation through their service area for providing quick, affordable, and dependable service, as illustrated by hundreds of positive reviews on Google, Facebook, and ReviewBuzz.