



Fiber-optic investigation of a drain pipe embedded within a masonry wall at St. Thomas Church in New York City.

Vertical Access owns and operates a fiber-optic diagnostic tool called the "SeeSnake®", along with a rigid fiber-optic borescope and metal detector, for the investigation of internal leaders/drain pipes, duct work, cavity walls, crawl spaces, and other locations where human access is not possible. This rugged device consists of a miniature video camera with wide angle lens and built-in light source attached to 200 feet of heavy duty fiber-optic cable.

The SeeSnake® has a portable monitor and VCR that is utilized on site for viewing and recording the video feed and operator's narration. The SeeSnake® can be used to investigate pipes 2 to 8 inches in diameter and can navigate horizontal and vertical surfaces as well as difficult 90° bends, diagonal runs, and connections.

A built-in odometer records the total distance that the camera travels to assist in locating areas of deterioration. An added feature is a built-in radio transmitter for pinpointing the camera within walls or other concealed locations.



Vertical cracks in an internal cast iron roof leader were identified using the SeeSnake®



A portable monitor allows the investigation to be viewed live while a digital video disk recored the video feed and narration made on site.

For more information on the SeeSnake®
<https://www.ridgid.com/us/en/video-inspection>